Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121219\
Data File : VX013997.D
Acq On : 13 Dec 2019 02:03
Operator : JC/SP
Sample : VX1212WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VX1212WBL02

Quant Time: Dec 13 04:45:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X121219W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	92644	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	496897	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	430945	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	194765	29.35	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 97.83%			
60) 4-Bromofluorobenzene	11.14	95	188591	27.10	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 90.33%			
63) Toluene-d8	8.71	98	589148	30.58	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.93%			
Target Compounds						Qvalue

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

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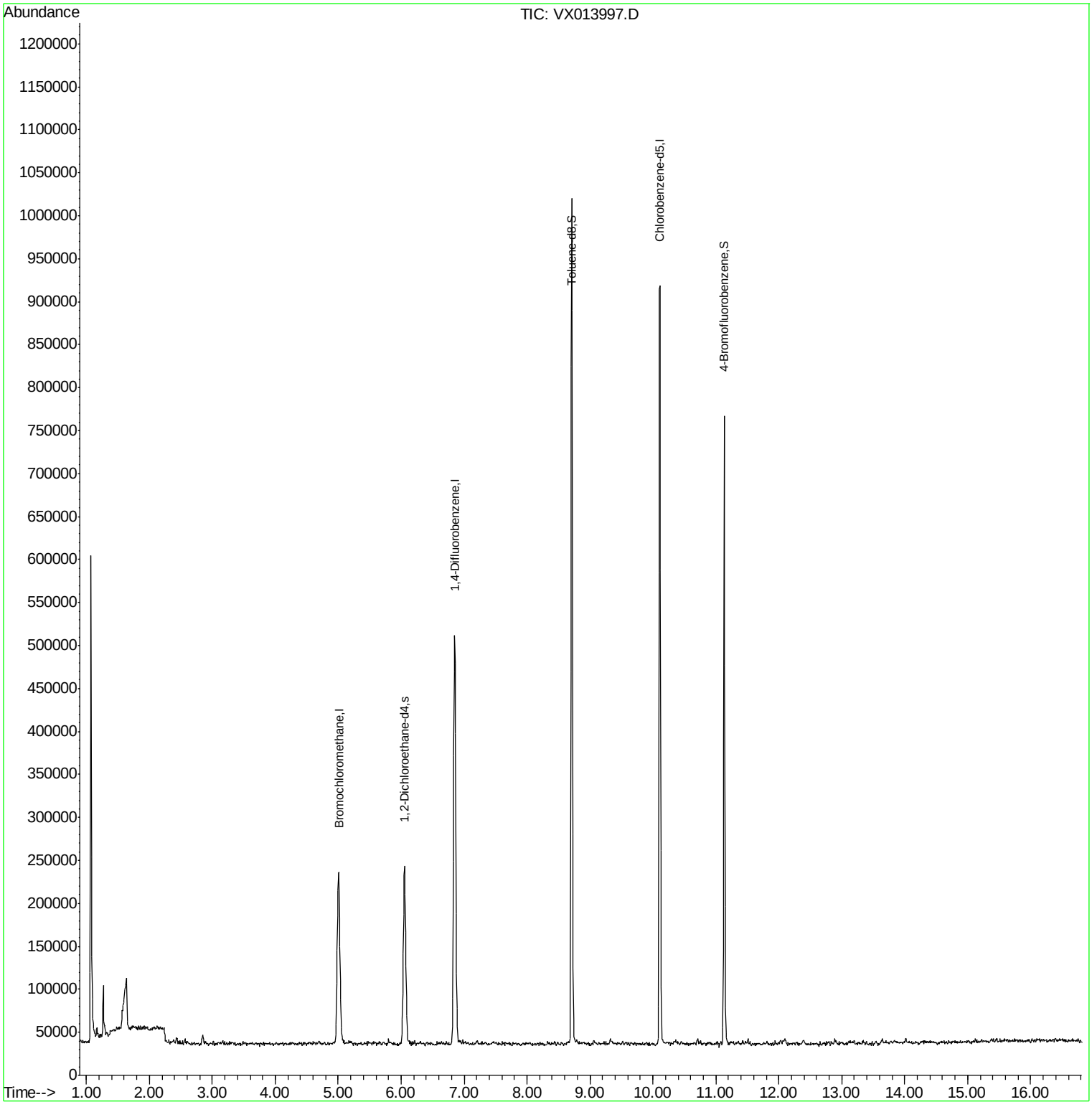
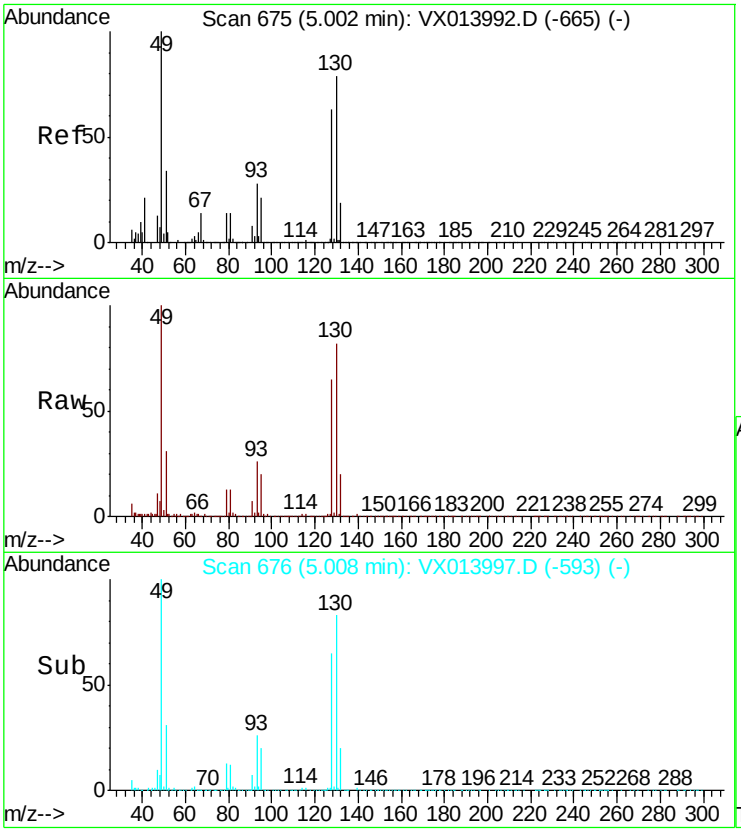


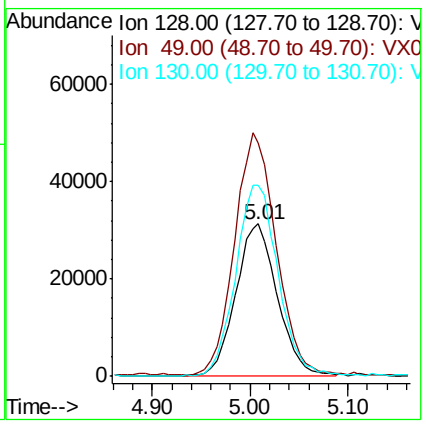


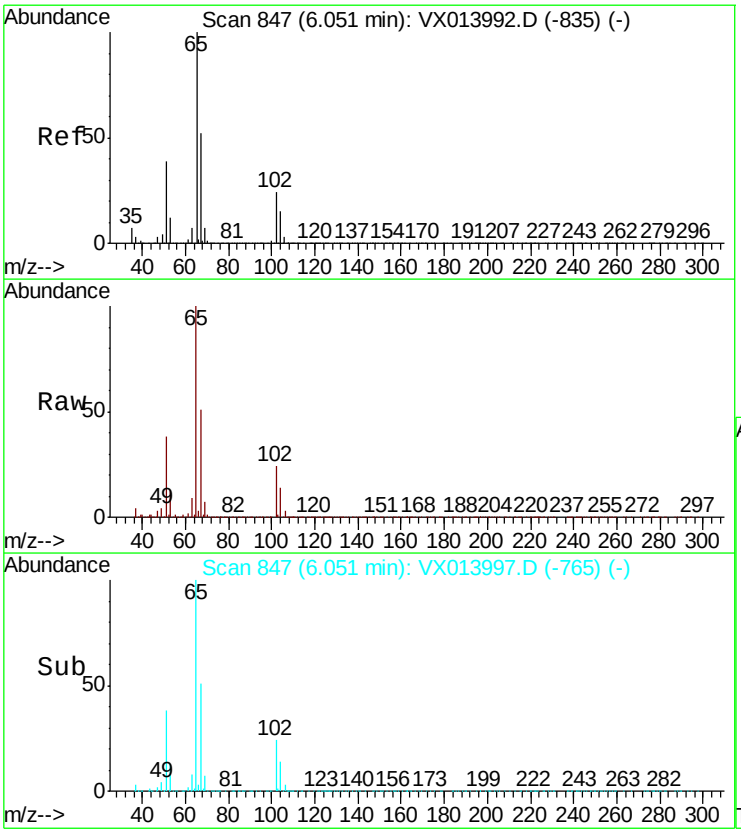
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013997.D
Acq: 13 Dec 2019 02:03

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL02

Tgt Ion:128 Resp: 92644

Ion	Ratio	Lower	Upper
128	100		
49	158.6	0.0	405.0
130	127.6	0.0	321.5

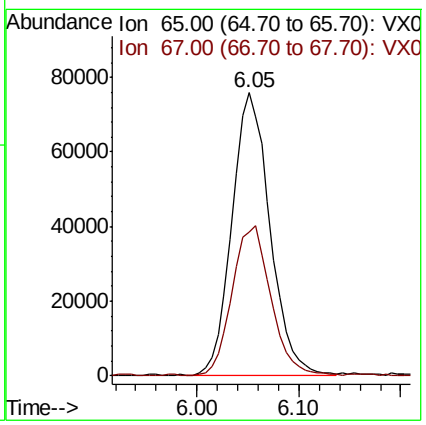


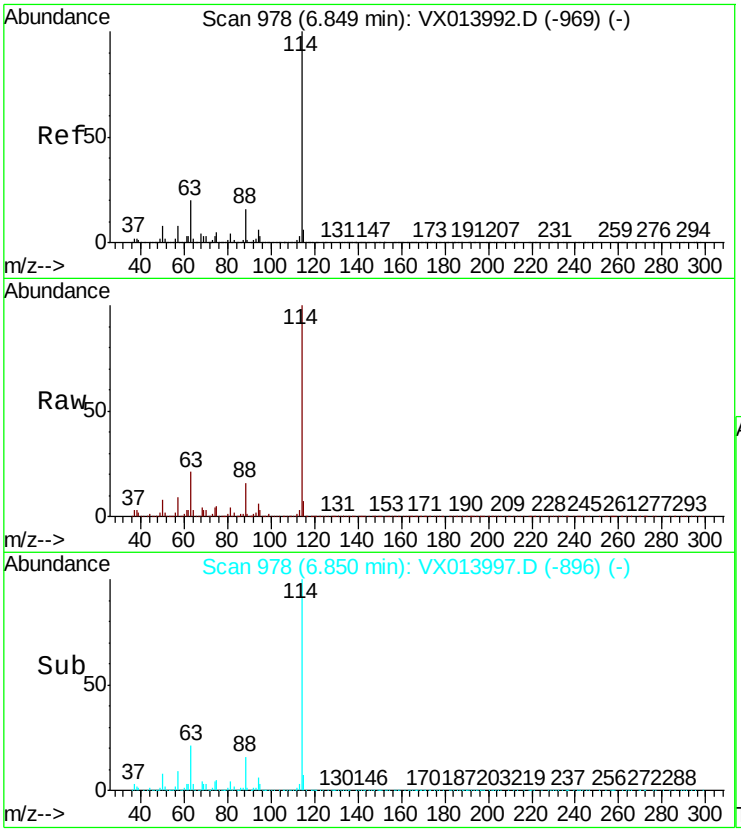


#27
1,2-Dichloroethane-d4
Concen: 29.355 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013997.D
Acq: 13 Dec 2019 02:03

Tgt Ion: 65 Resp: 194765

Ion	Ratio	Lower	Upper
65	100		
67	53.8	43.1	64.7



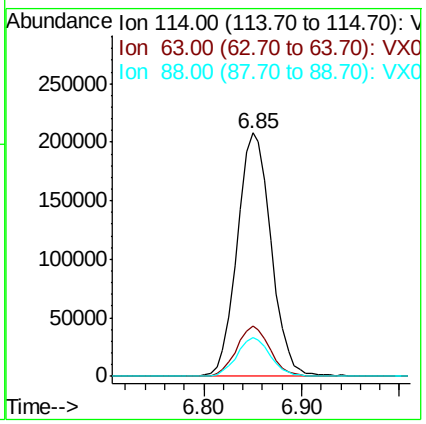


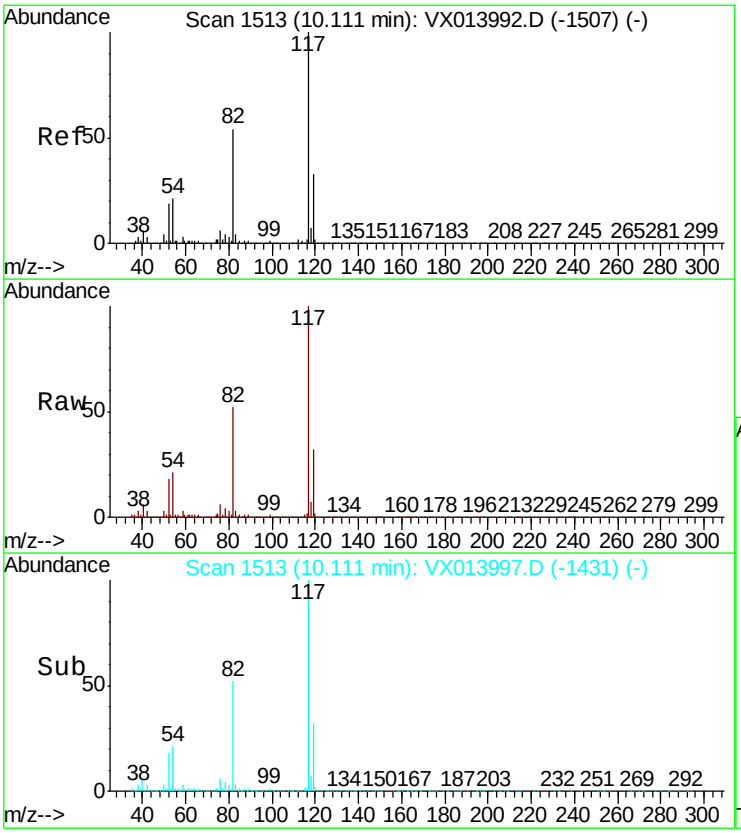
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX013997.D
Acq: 13 Dec 2019 02:03

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL02

Tgt Ion:114 Resp: 496897

Ion	Ratio	Lower	Upper
114	100		
63	20.2	16.1	24.1
88	15.7	12.5	18.7

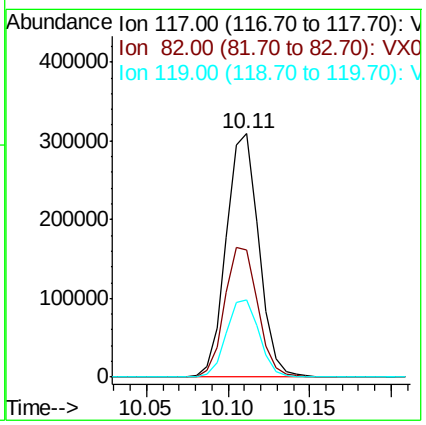


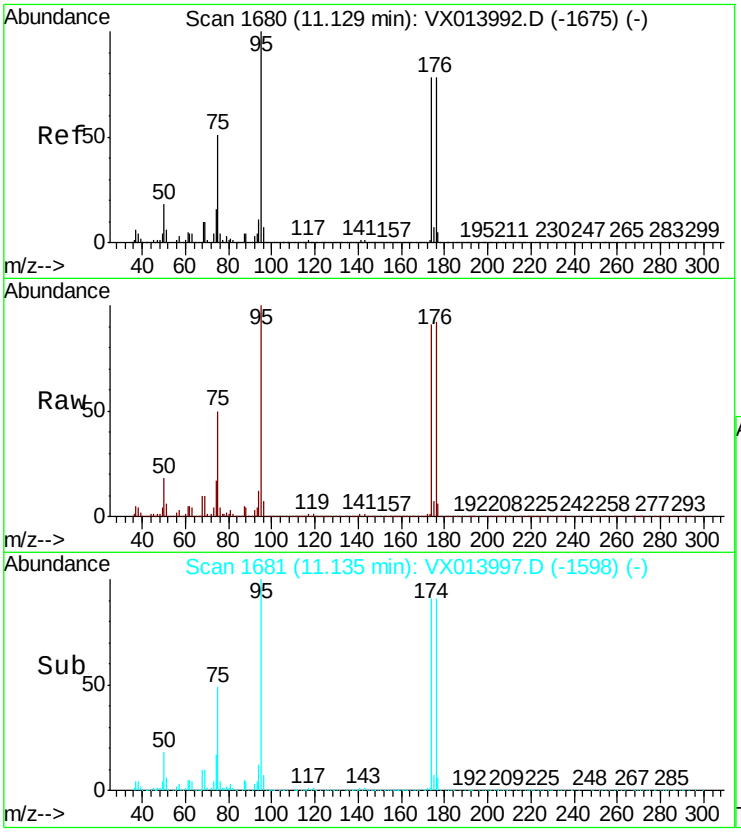


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013997.D
Acq: 13 Dec 2019 02:03

Tgt Ion:117 Resp: 430945

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.6
119	31.8	25.8	38.6



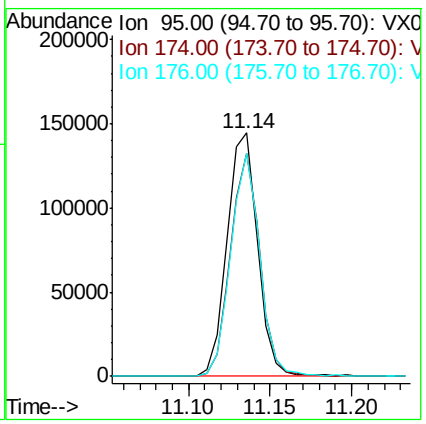


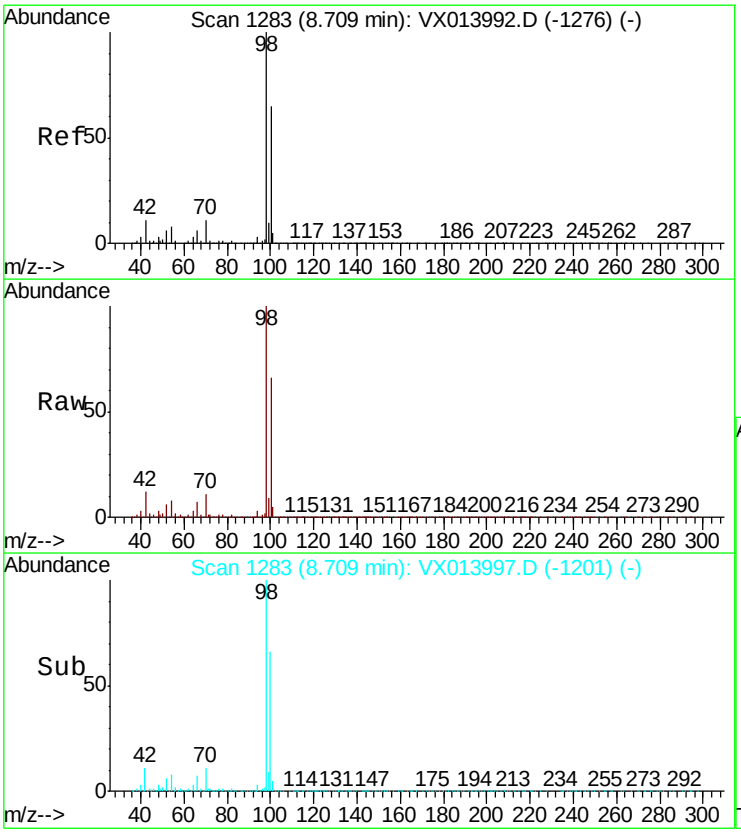
#60
4-Bromofluorobenzene
Concen: 27.101 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013997.D
Acq: 13 Dec 2019 02:03

Instrument :
MSVOA_X
ClientSampleId :
VX1212WBL02

Tgt Ion: 95 Resp: 188591

Ion	Ratio	Lower	Upper
95	100		
174	87.7	70.2	105.2
176	86.6	68.3	102.5





#63
Toluene-d8
Concen: 30.585 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013997.D
Acq: 13 Dec 2019 02:03

Tgt Ion: 98 Resp: 589148

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.2