Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX071218\
Data File : VX003355.D
Acq On : 12 Jul 2018 16:55
Operator : JC/MD
Sample : J3973-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : SPDES-1

Quant Time: Jul 13 08:44:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X071218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 12 13:28:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	65239	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	297931	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	266635	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	125202	28.10	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 93.67%			
60) 4-Bromofluorobenzene	11.14	95	120003	28.01	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 93.37%			
63) Toluene-d8	8.72	98	353687	30.00	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.00%			
Target Compounds						Qvalue

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

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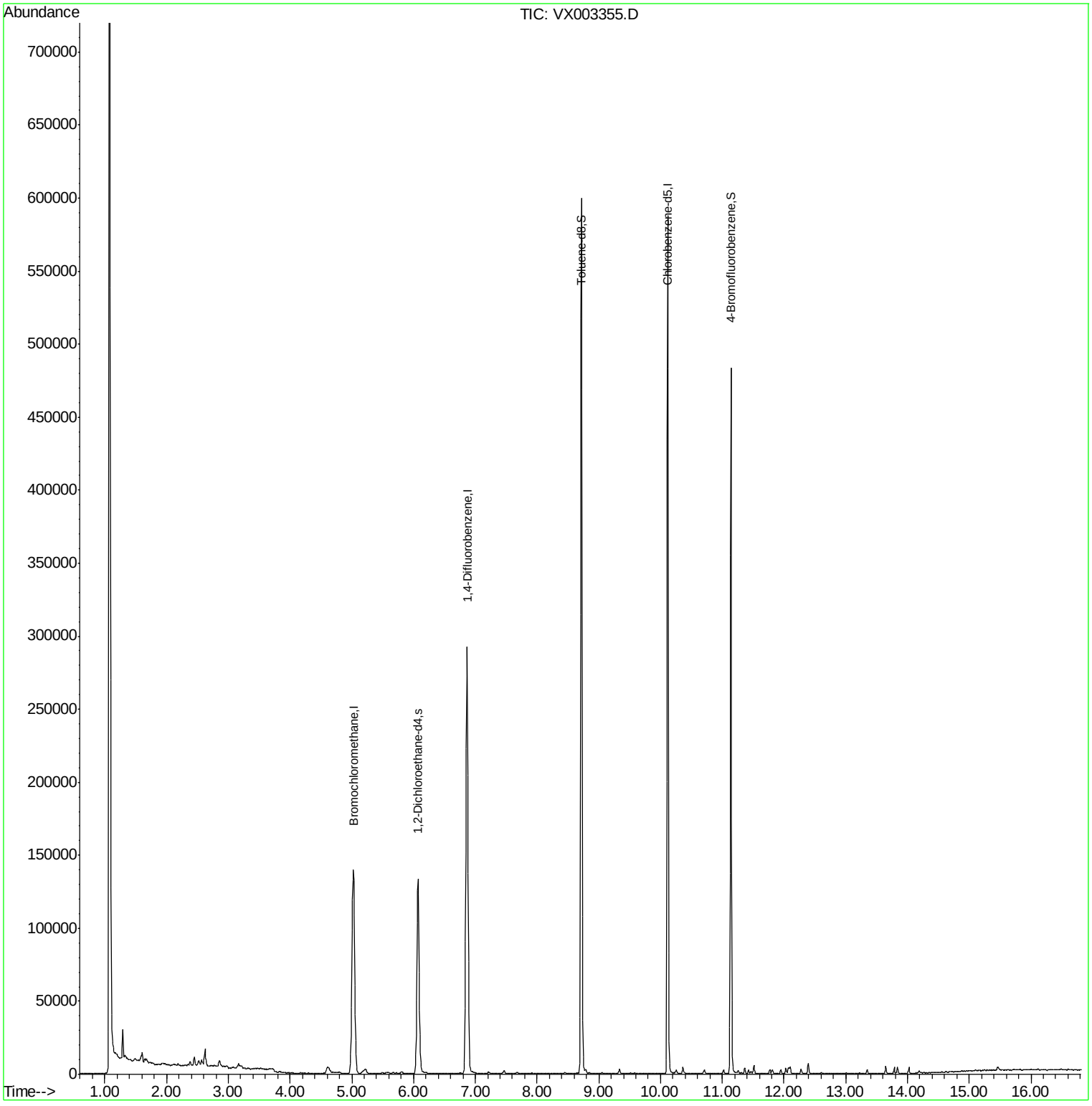
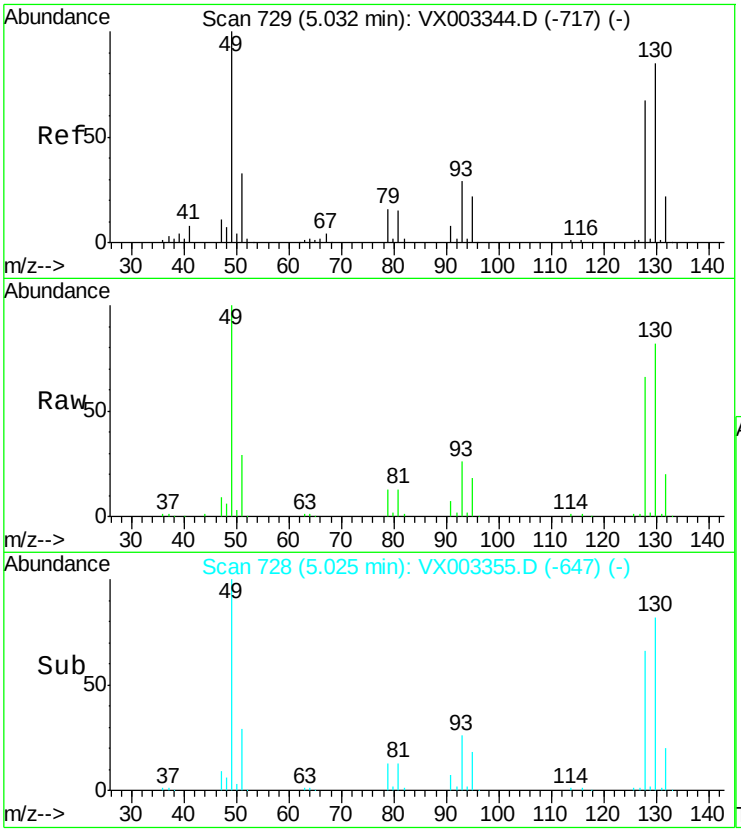


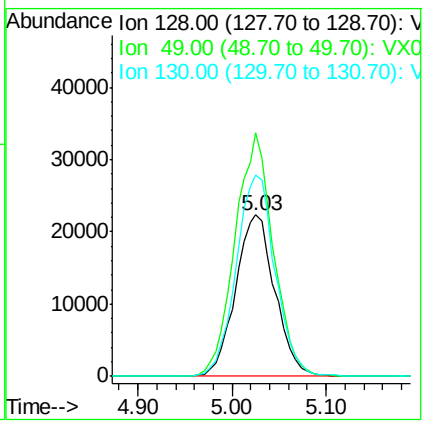


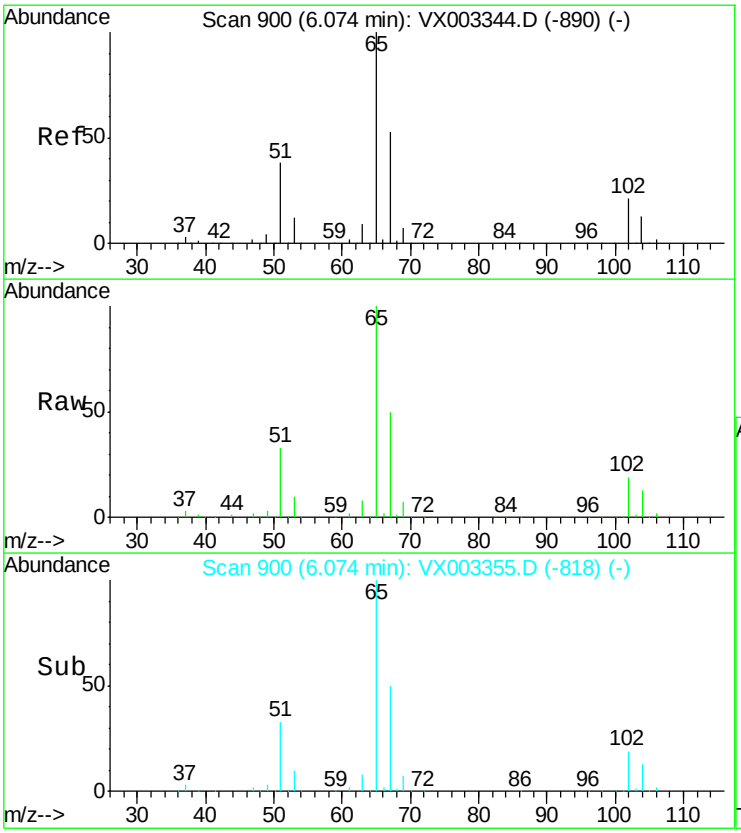
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX003355.D
Acq: 12 Jul 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tgt Ion:128 Resp: 65239

Ion	Ratio	Lower	Upper
128	100		
49	146.6	0.0	423.0
130	123.9	0.0	324.3

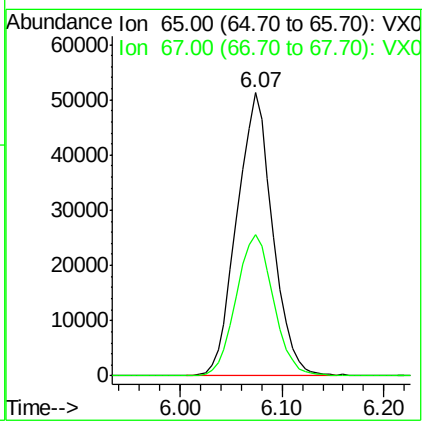


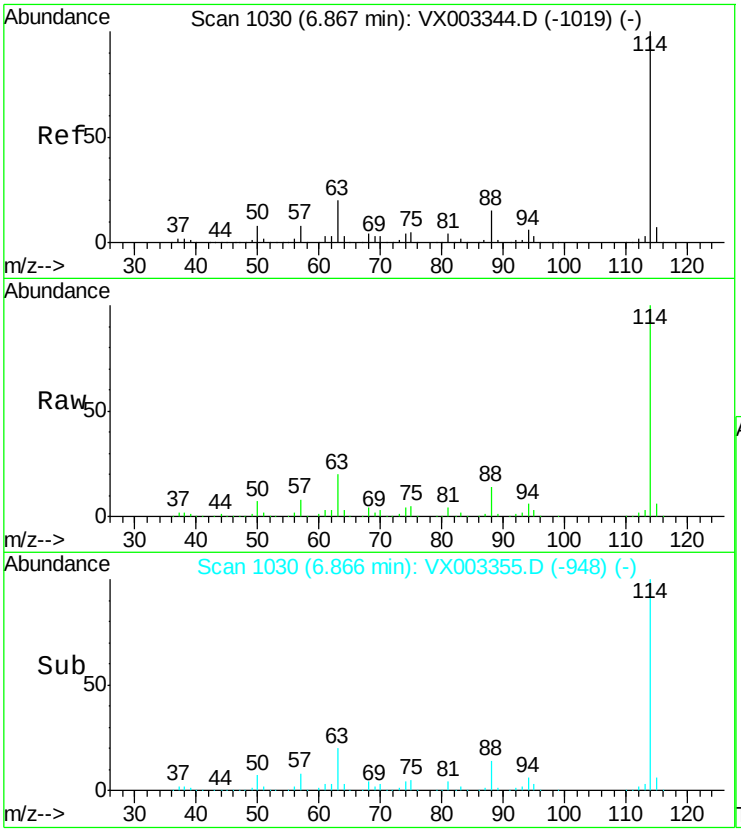


#27
1,2-Dichloroethane-d4
Concen: 28.100 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.00 min
Lab File: VX003355.D
Acq: 12 Jul 2018 16:55

Tgt Ion: 65 Resp: 125202

Ion	Ratio	Lower	Upper
65	100		
67	52.1	40.9	61.3



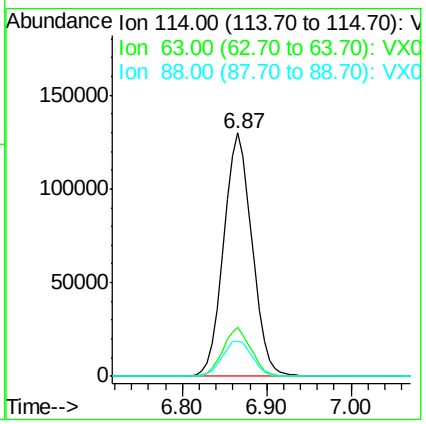


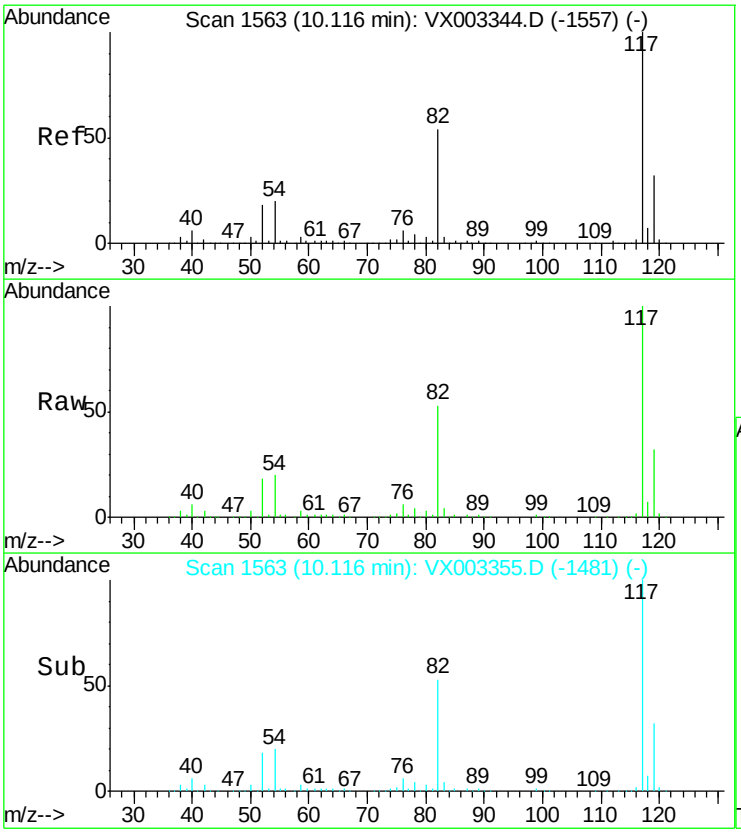
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VX003355.D
Acq: 12 Jul 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tgt Ion:114 Resp: 297931

Ion	Ratio	Lower	Upper
114	100		
63	20.0	17.1	25.7
88	15.3	12.6	19.0

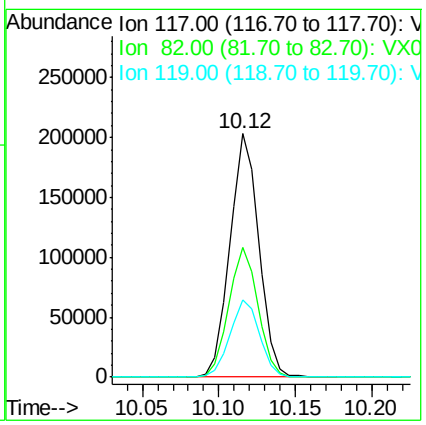


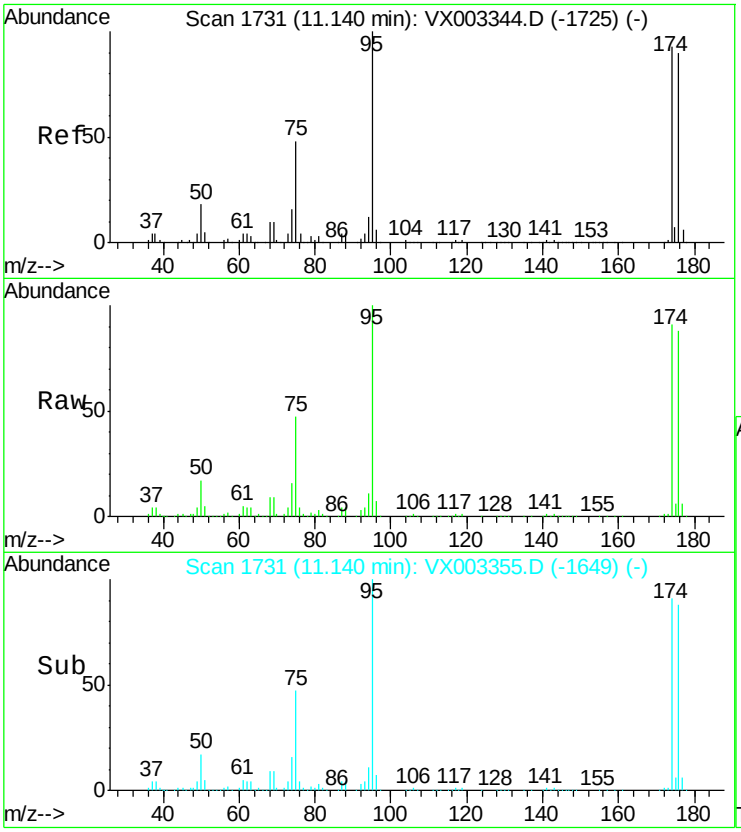


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003355.D
Acq: 12 Jul 2018 16:55

Tgt Ion:117 Resp: 266635

Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.3	66.5
119	32.4	25.7	38.5



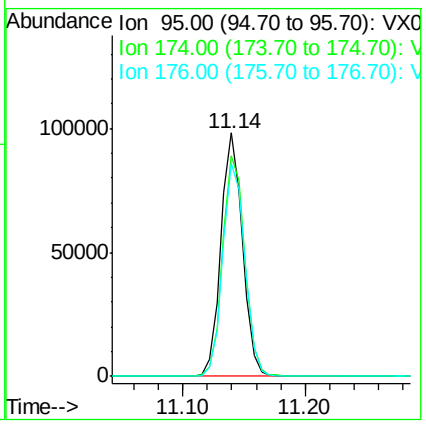


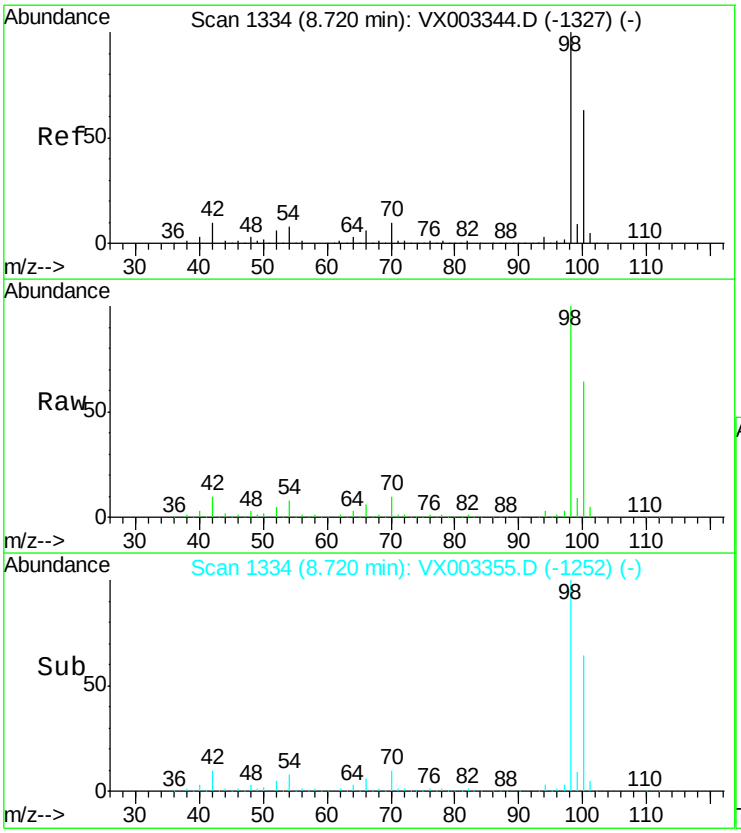
#60
4-Bromofluorobenzene
Concen: 28.009 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003355.D
Acq: 12 Jul 2018 16:55

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tgt Ion: 95 Resp: 120003

Ion	Ratio	Lower	Upper
95	100		
174	93.1	71.8	107.6
176	89.5	70.1	105.1





#63
Toluene-d8
Concen: 30.005 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003355.D
Acq: 12 Jul 2018 16:55

Tgt Ion: 98 Resp: 353687

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.8	76.2