Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
Data File : VX008679.D
Acq On : 05 Apr 2019 12:58
Operator : JC/SP
Sample : K2242-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TWP-02

Quant Time: Apr 08 13:11:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	29863	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	173911	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	149479	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	74989	30.02	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 100.07%			
60) 4-Bromofluorobenzene	11.13	95	72805	27.95	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 93.17%			
63) Toluene-d8	8.71	98	215093	30.31	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.03%			

Target Compounds	Qvalue

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

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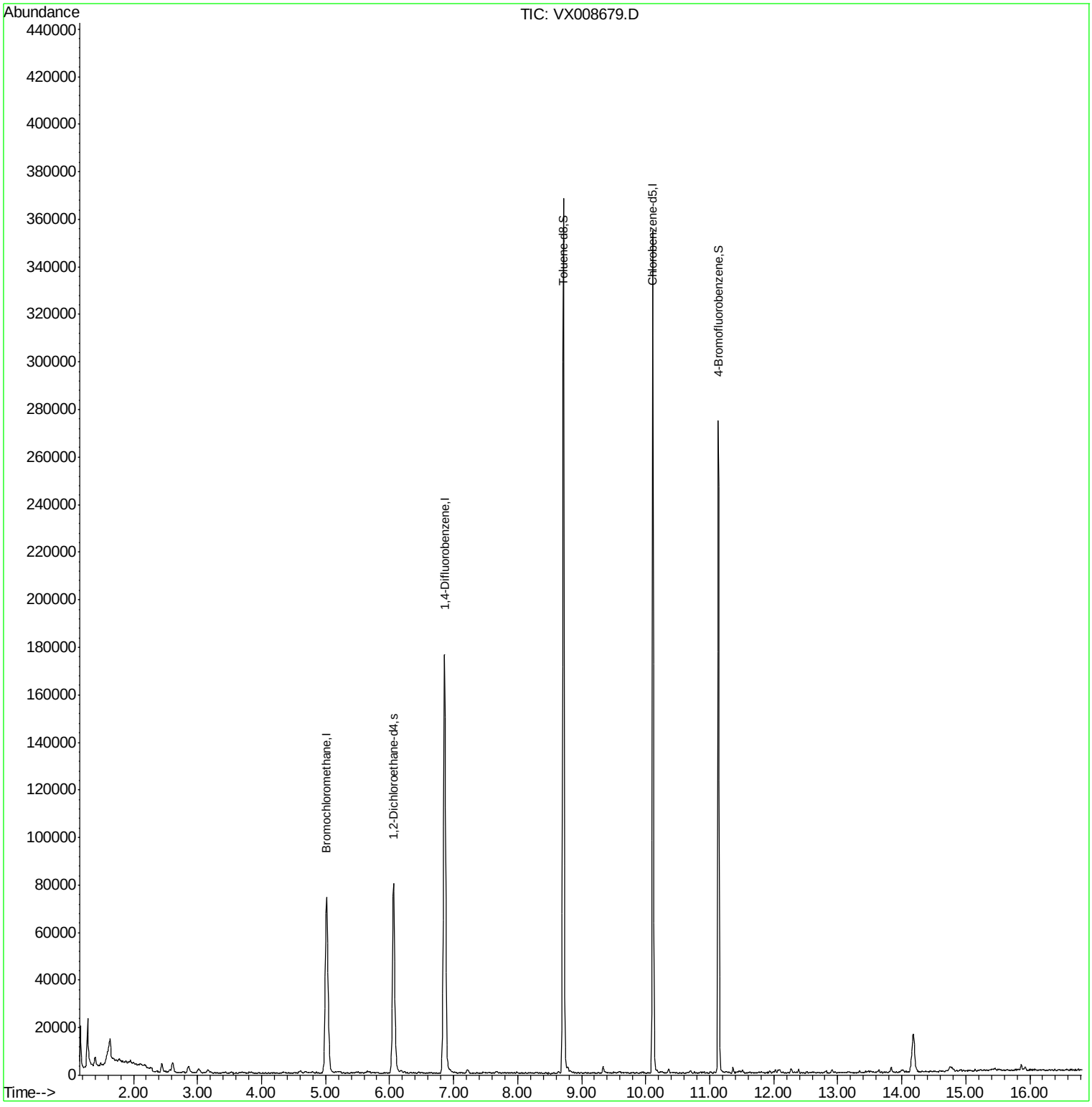
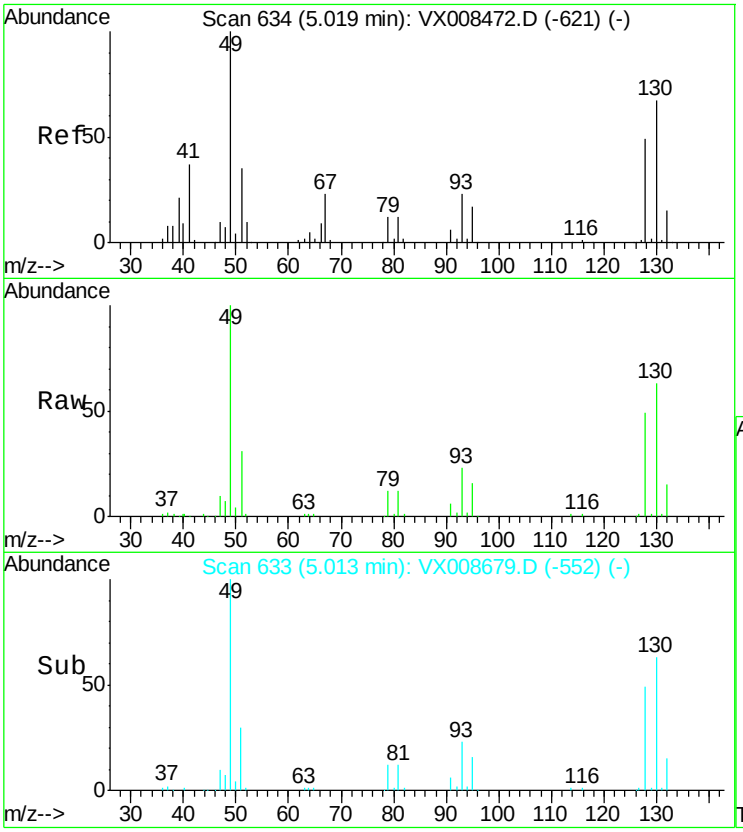


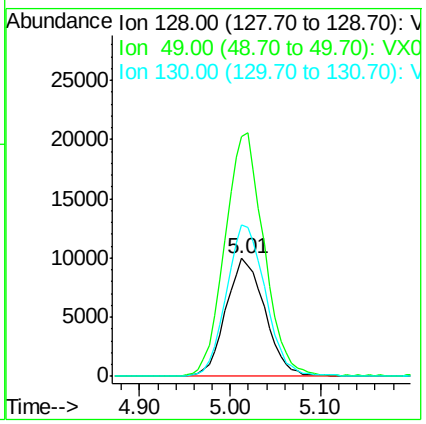


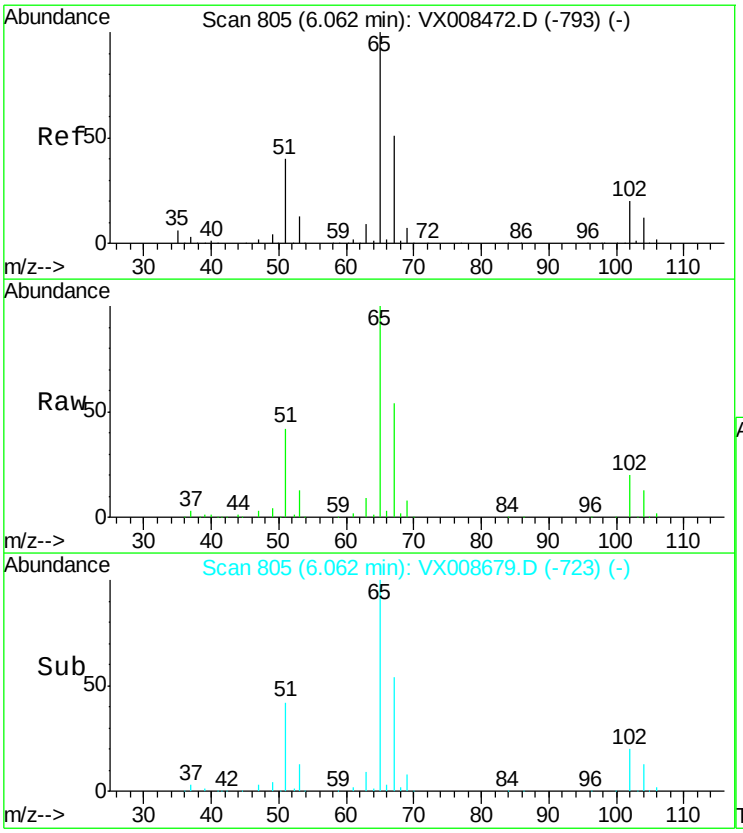
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008679.D
Acq: 05 Apr 2019 12:58

Instrument :
MSVOA_X
ClientSampleId :
TWP-02

Tgt Ion:128 Resp: 29863

Ion	Ratio	Lower	Upper
128	100		
49	206.0	0.0	350.8
130	128.8	0.0	325.8

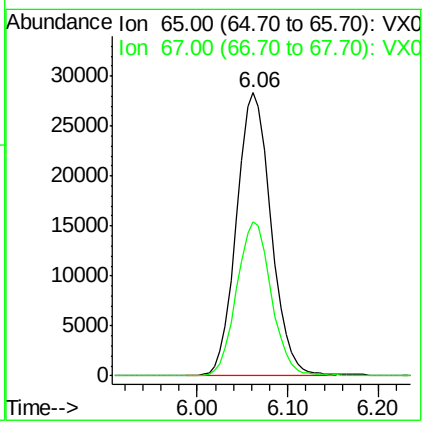


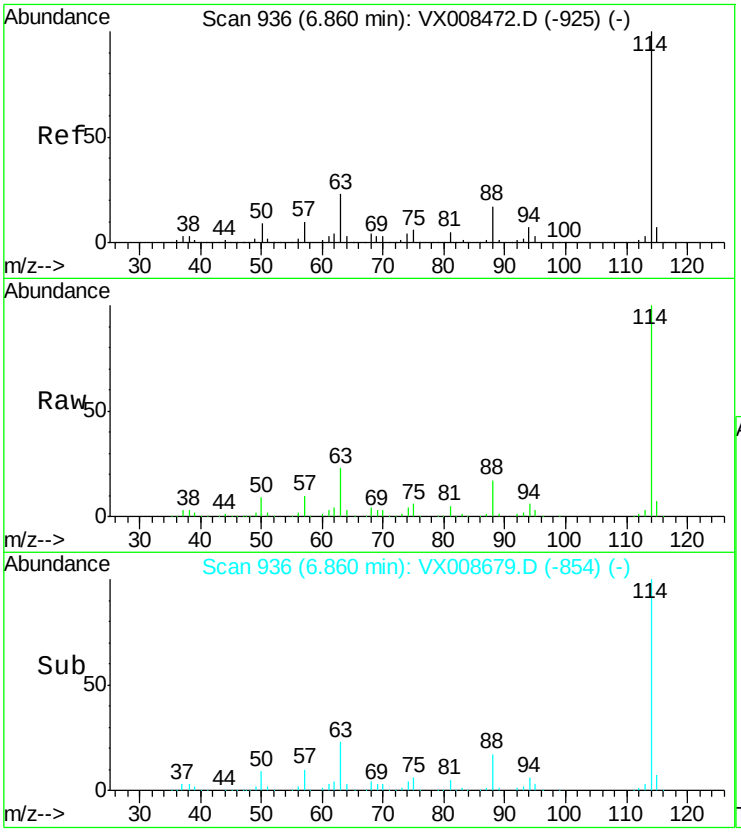


#27
1,2-Dichloroethane-d4
Concen: 30.018 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX008679.D
Acq: 05 Apr 2019 12:58

Tgt Ion: 65 Resp: 74989

Ion	Ratio	Lower	Upper
65	100		
67	54.4	42.9	64.3



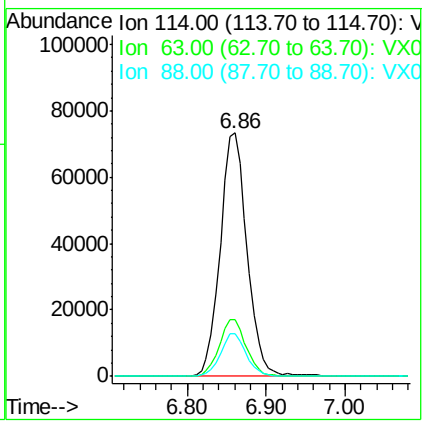


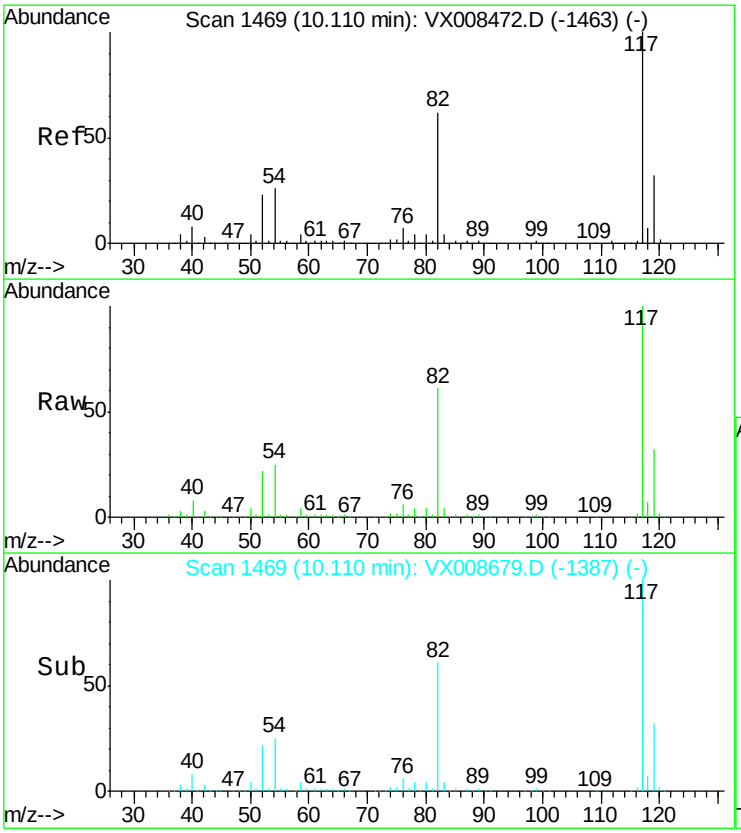
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX008679.D
Acq: 05 Apr 2019 12:58

Instrument :
MSVOA_X
ClientSampleId :
TWP-02

Tgt Ion:114 Resp: 173911

Ion	Ratio	Lower	Upper
114	100		
63	23.3	14.2	21.4#
88	17.0	11.9	17.9

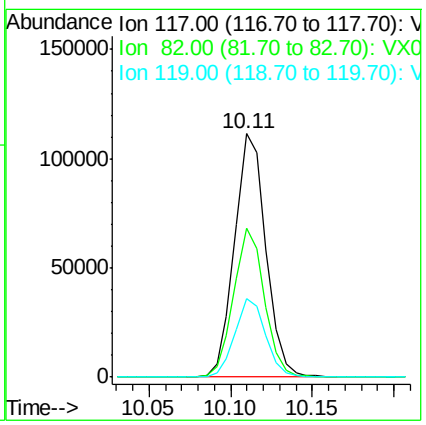


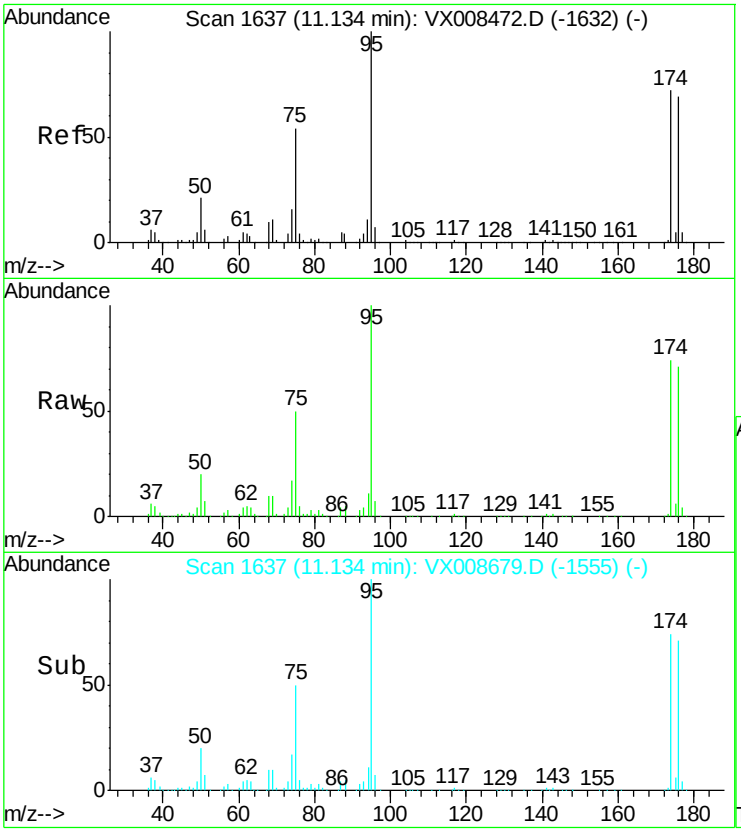


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008679.D
Acq: 05 Apr 2019 12:58

Tgt Ion:117 Resp: 149479

Ion	Ratio	Lower	Upper
117	100		
82	59.9	40.4	60.6
119	31.9	25.8	38.6



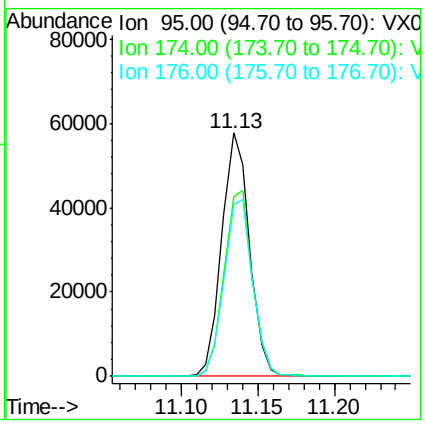


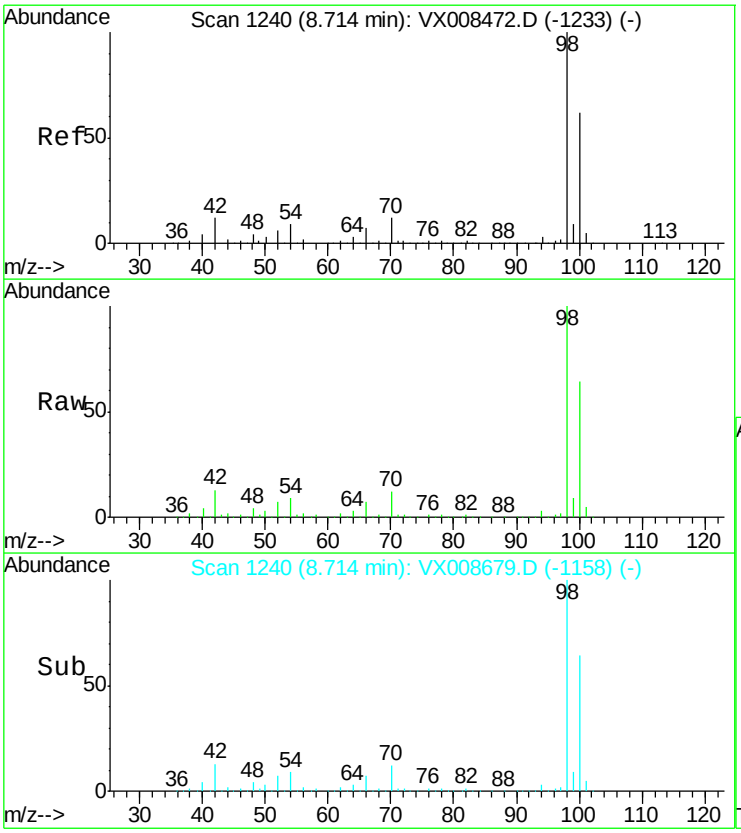
#60
4-Bromofluorobenzene
Concen: 27.954 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX008679.D
Acq: 05 Apr 2019 12:58

Instrument :
MSVOA_X
ClientSampleId :
TWP-02

Tgt Ion: 95 Resp: 72805

Ion	Ratio	Lower	Upper
95	100		
174	77.9	74.9	112.3
176	74.8	70.7	106.1





#63
Toluene-d8
Concen: 30.314 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008679.D
Acq: 05 Apr 2019 12:58

Tgt Ion: 98 Resp: 215093

Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3