Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN102418\
Data File : VN051979.D
Acq On : 24 Oct 2018 11:14
Operator : MD\SY
Sample : VN1024WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VN1024WBL02

Quant Time: Oct 24 14:56:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 12 10:23:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	159241	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	899463	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	786949	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	288414	29.77	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.23%			
60) 4-Bromofluorobenzene	12.40	95	311733	27.47	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 91.57%			
63) Toluene-d8	10.09	98	1008649	29.52	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 98.40%			
Target Compounds						Qvalue

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

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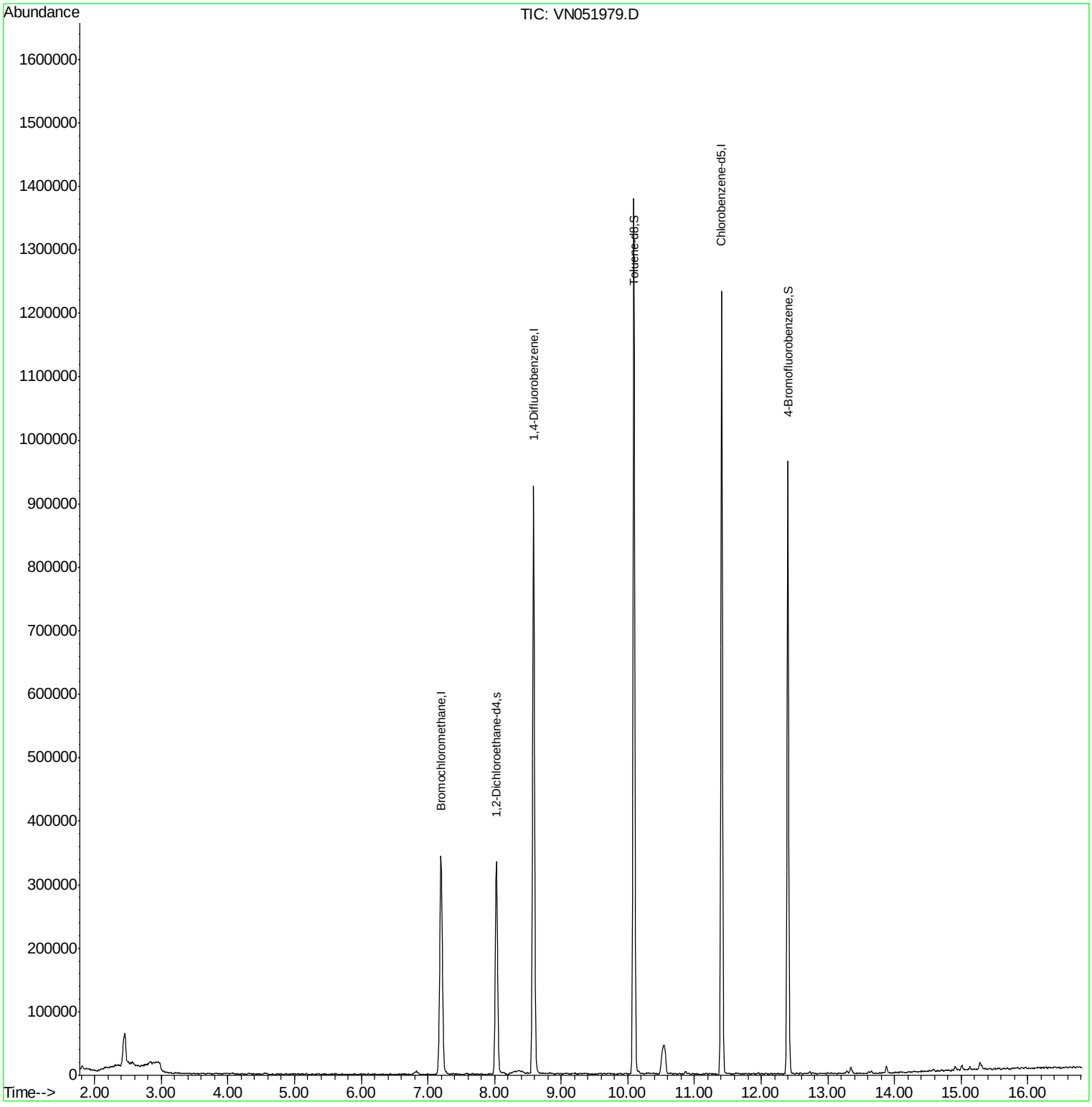
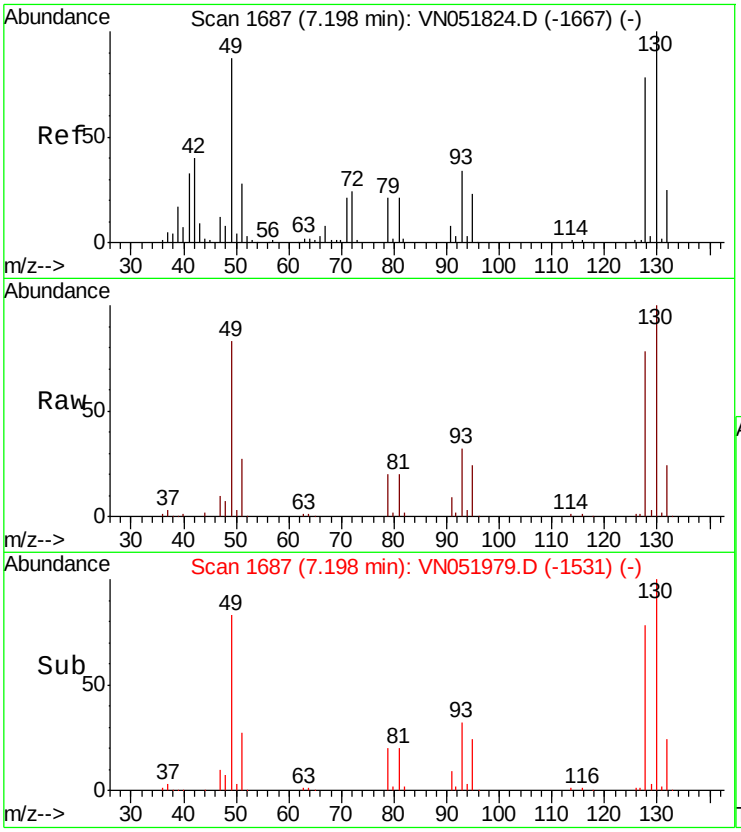


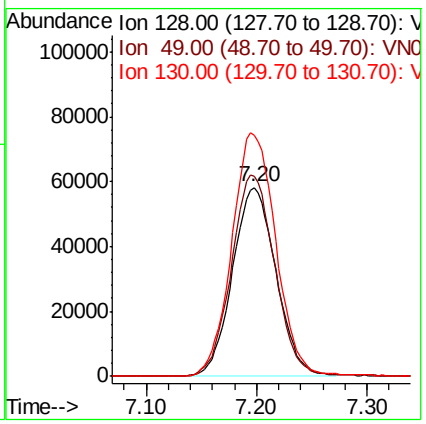


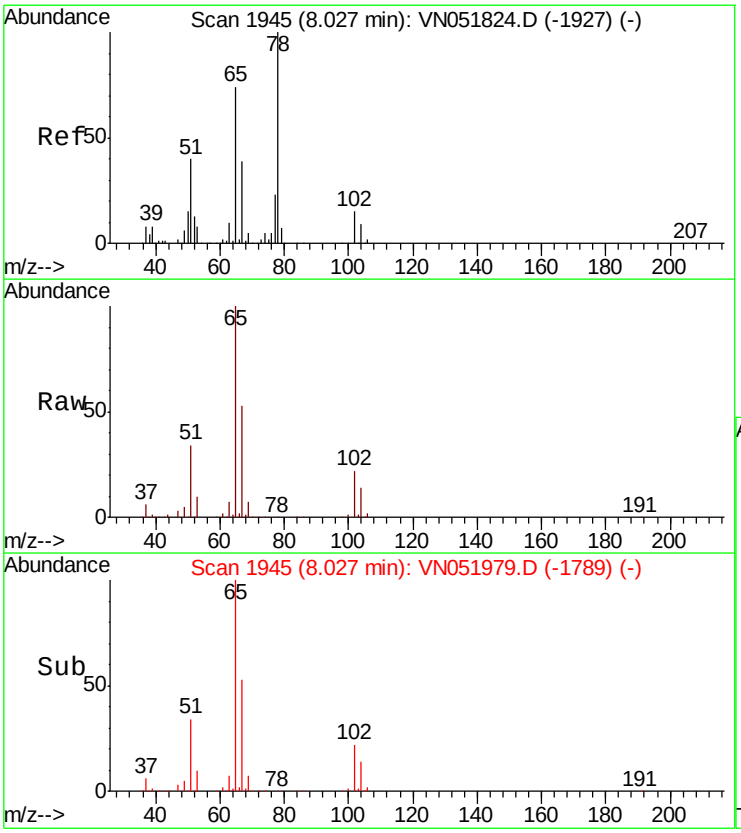
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBL02

Tgt Ion:128 Resp: 159241

Ion	Ratio	Lower	Upper
128	100		
49	106.2	0.0	403.3
130	129.6	0.0	326.0

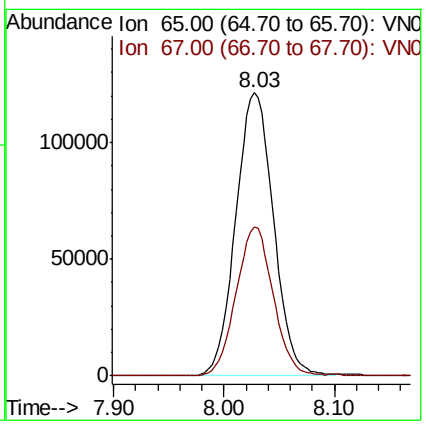


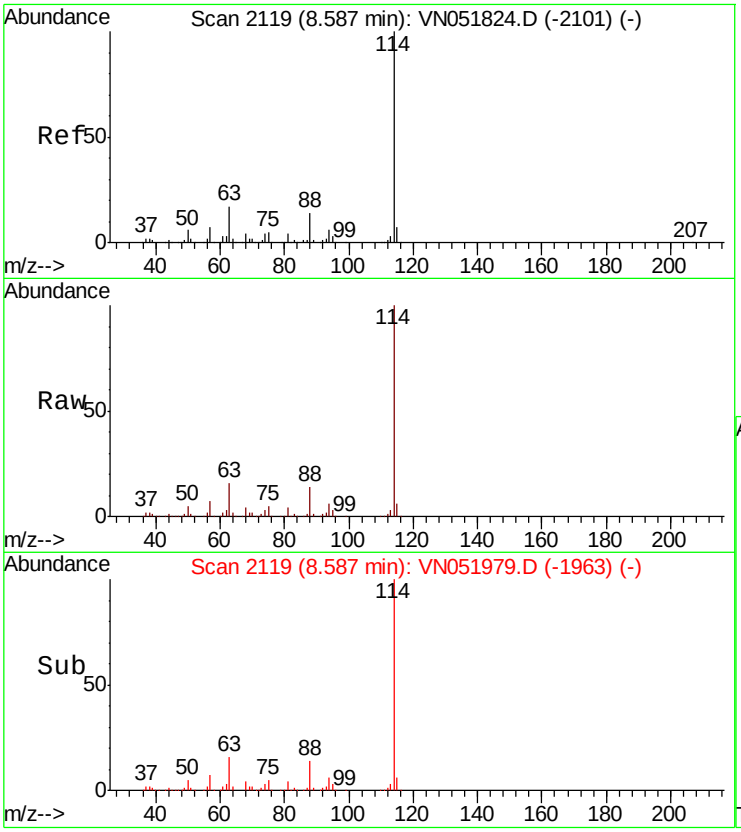


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Tgt Ion: 65 Resp: 288414

Ion	Ratio	Lower	Upper
65	100		
67	51.6	41.8	62.8



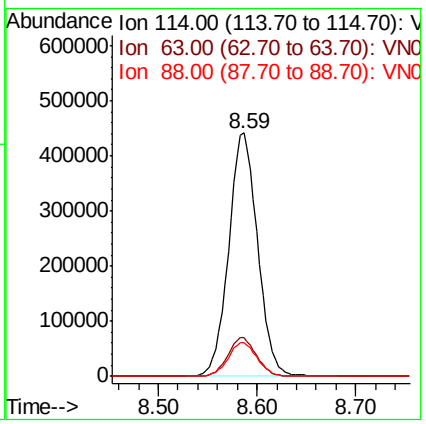


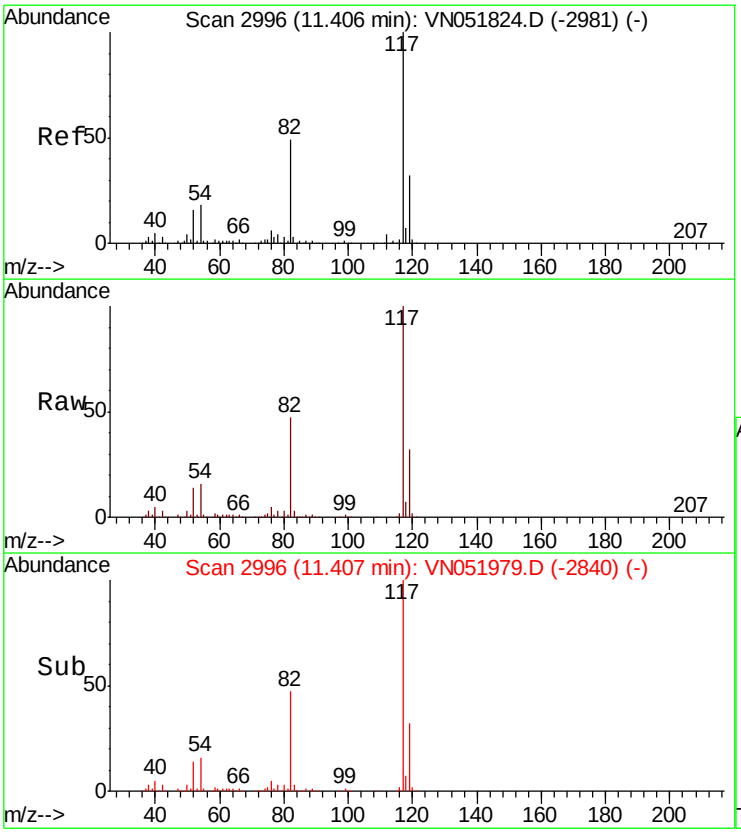
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBL02

Tgt Ion:114 Resp: 899463

Ion	Ratio	Lower	Upper
114	100		
63	15.9	16.2	24.2#
88	14.0	12.2	18.4

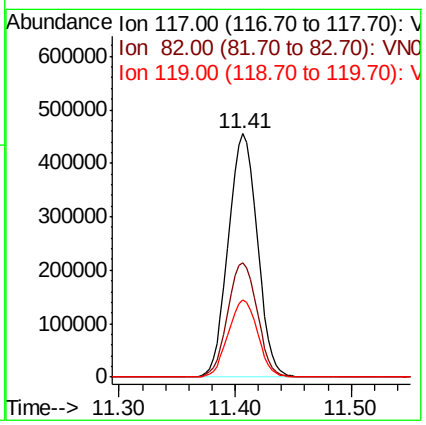


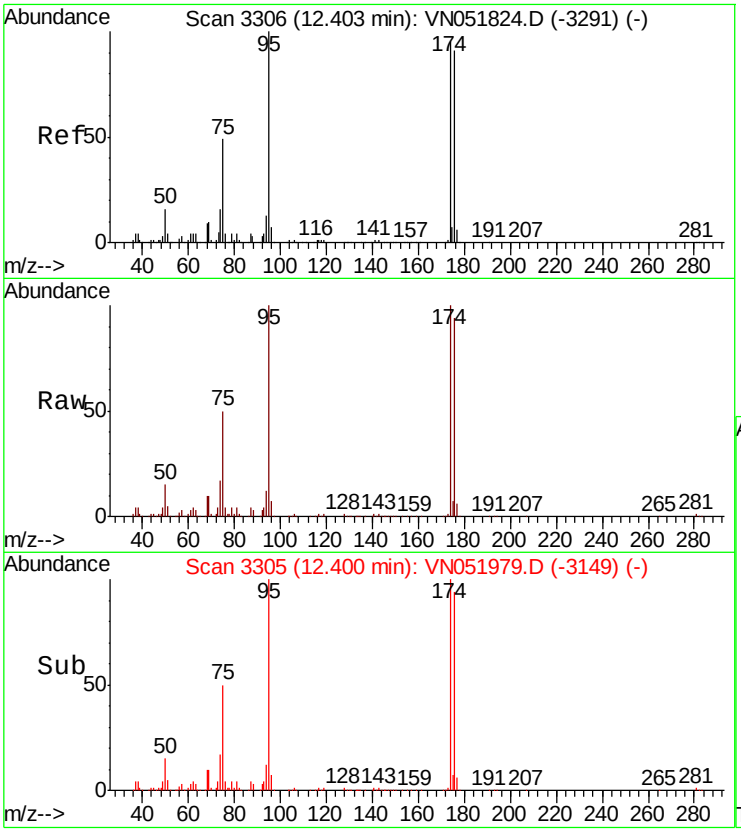


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Tgt Ion:117 Resp: 786949

Ion	Ratio	Lower	Upper
117	100		
82	47.7	44.1	66.1
119	32.1	25.8	38.8



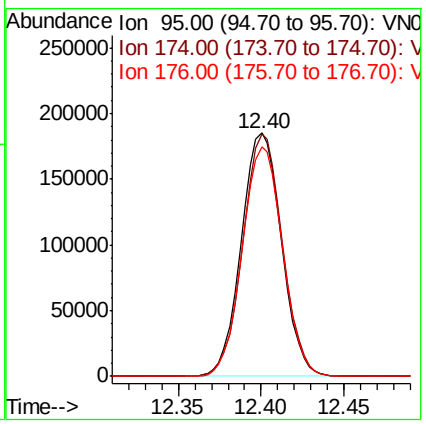


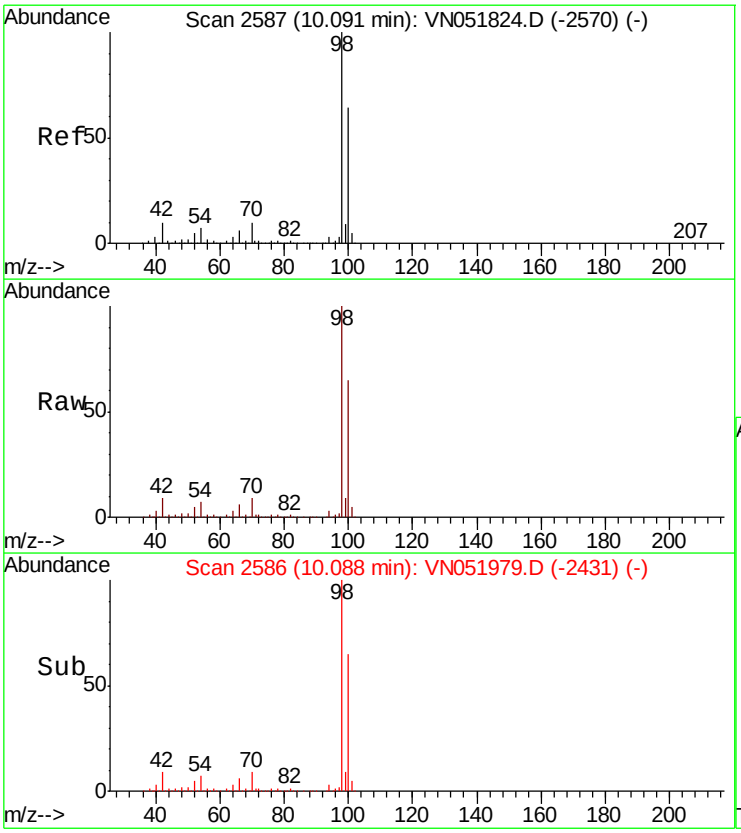
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Instrument :
MSVOA_N
ClientSampleId :
VN1024WBL02

Tgt Ion: 95 Resp: 311733

Ion	Ratio	Lower	Upper
95	100		
174	98.2	73.5	110.3
176	94.8	70.2	105.2





#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN051979.D
Acq: 24 Oct 2018 11:14

Tgt Ion: 98 Resp: 1008649

Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.8	76.2