Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101218\
Data File : VN051829.D
Acq On : 12 Oct 2018 13:38
Operator : MD\SY
Sample : VN1012WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument : MSVOA_N
ClientSampleId : VN1012WBL01

Quant Time: Oct 12 16:22:23 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	123999	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	699565	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	559505	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	234810	31.12	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 103.73%			
60) 4-Bromofluorobenzene	12.40	95	189407	23.48	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 78.27%			
63) Toluene-d8	10.09	98	789201	32.48	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 108.27%			

Target Compounds	Qvalue

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

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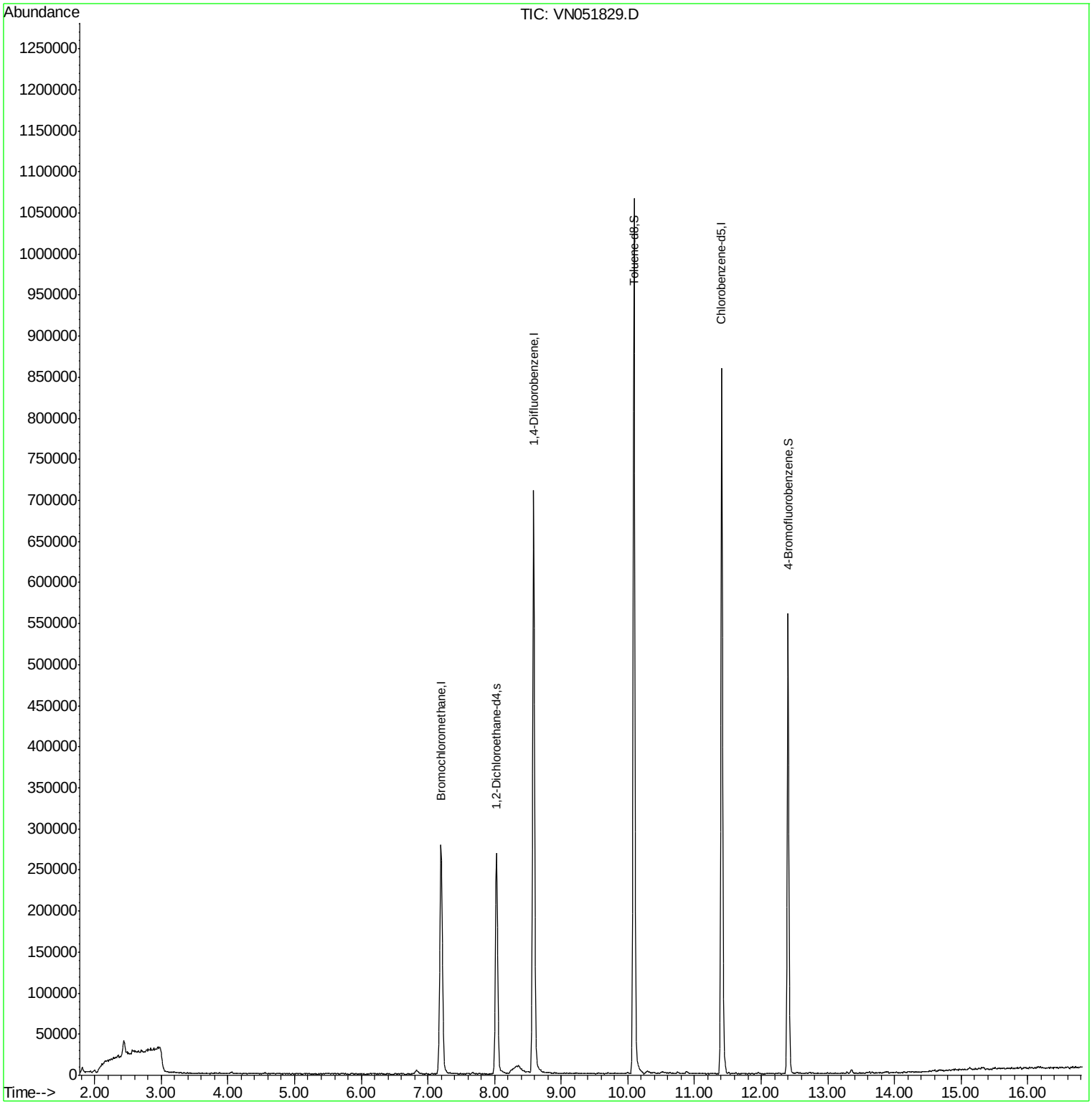
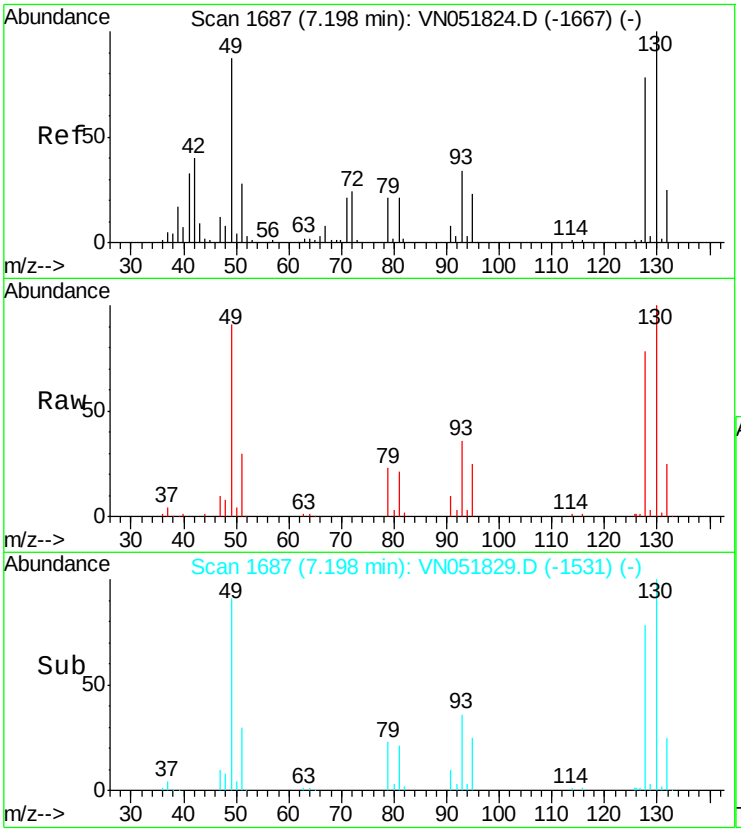


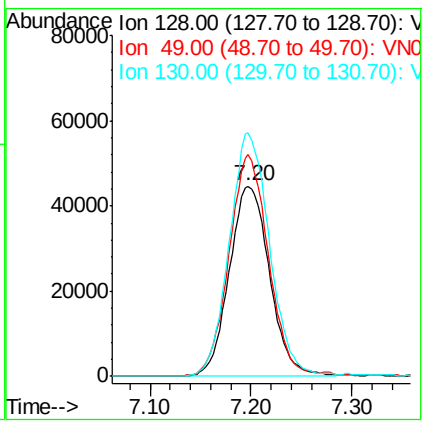


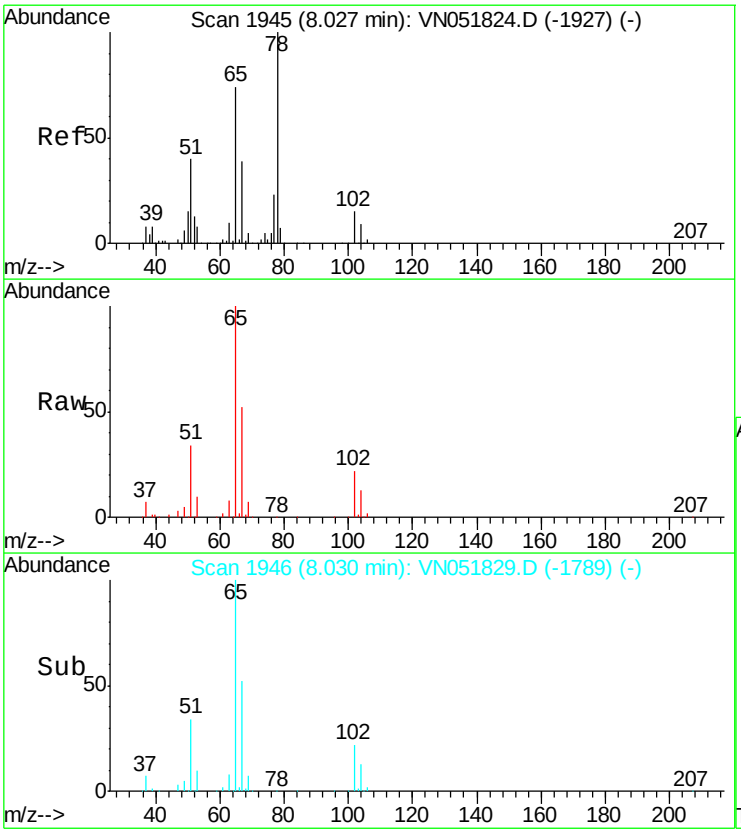
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN051829.D
Acq: 12 Oct 2018 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBL01

Tgt Ion:128 Resp: 123999

Ion	Ratio	Lower	Upper
128	100		
49	113.9	0.0	403.3
130	127.4	0.0	326.0

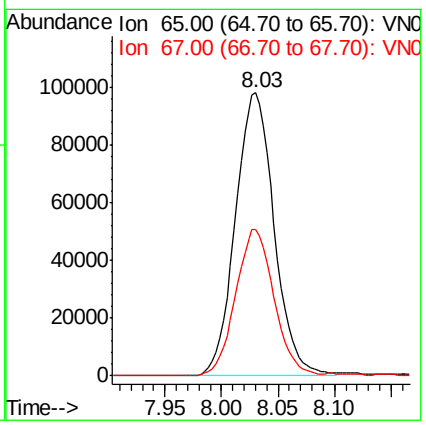


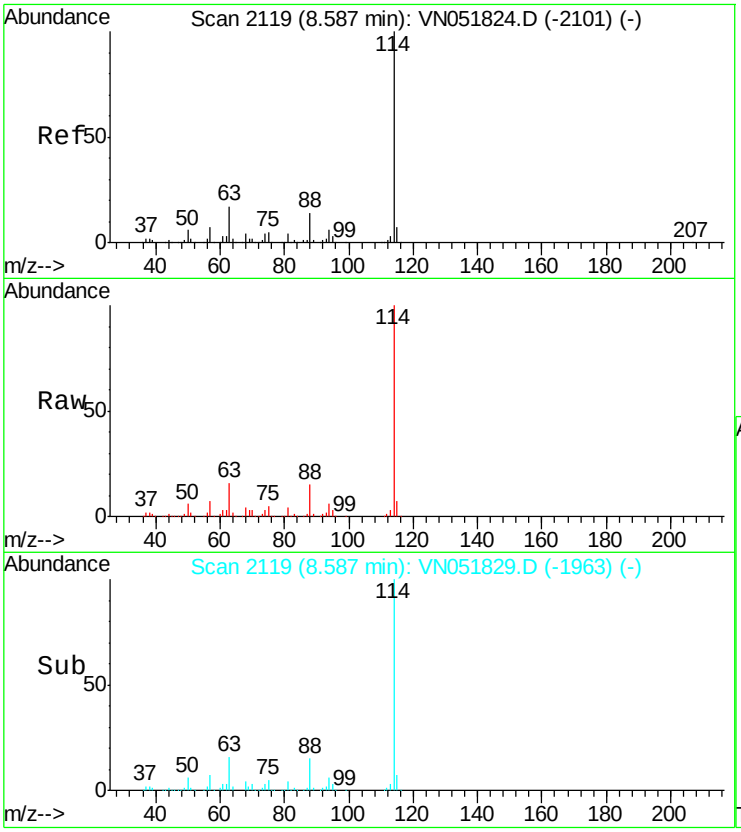


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051829.D
Acq: 12 Oct 2018 13:38

Tgt Ion: 65 Resp: 234810

Ion	Ratio	Lower	Upper
65	100		
67	51.1	41.8	62.8



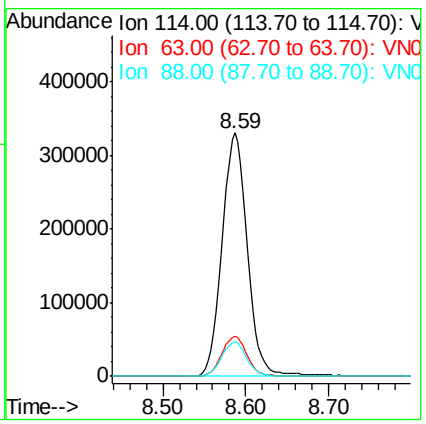


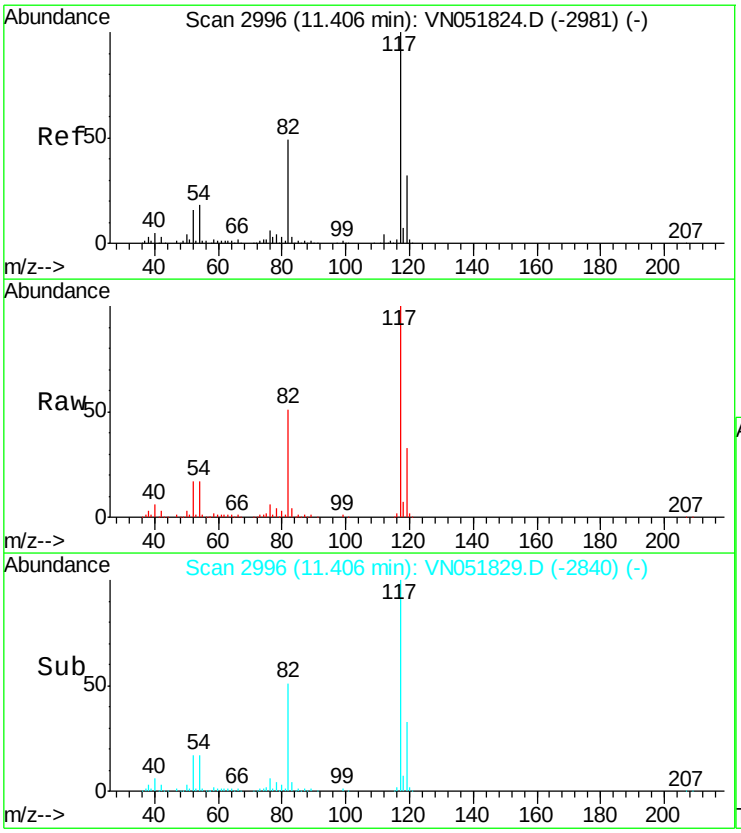
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051829.D
Acq: 12 Oct 2018 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBL01

Tgt Ion:114 Resp: 699565

Ion	Ratio	Lower	Upper
114	100		
63	16.5	16.2	24.2
88	14.2	12.2	18.4

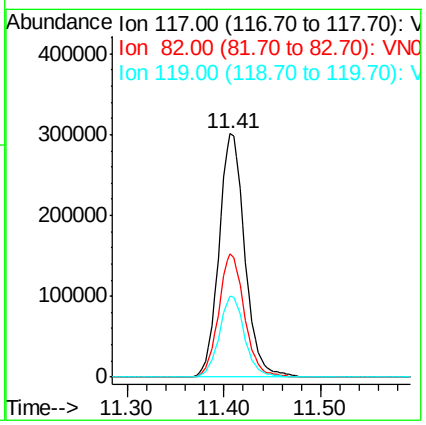


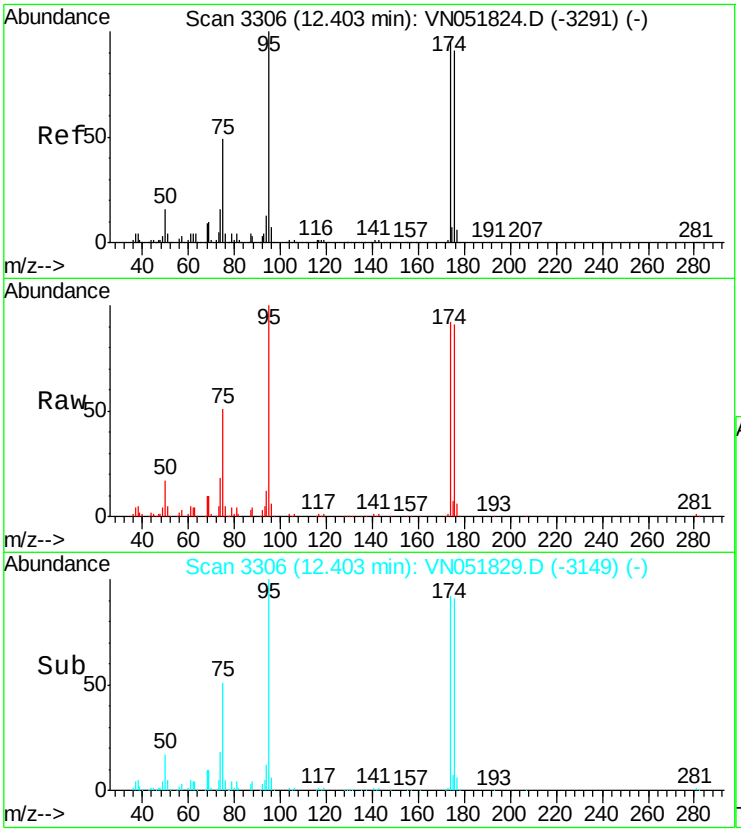


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051829.D
Acq: 12 Oct 2018 13:38

Tgt Ion:117 Resp: 559505

Ion	Ratio	Lower	Upper
117	100		
82	50.4	44.1	66.1
119	32.4	25.8	38.8



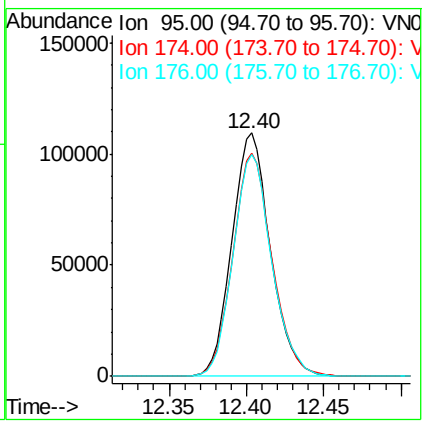


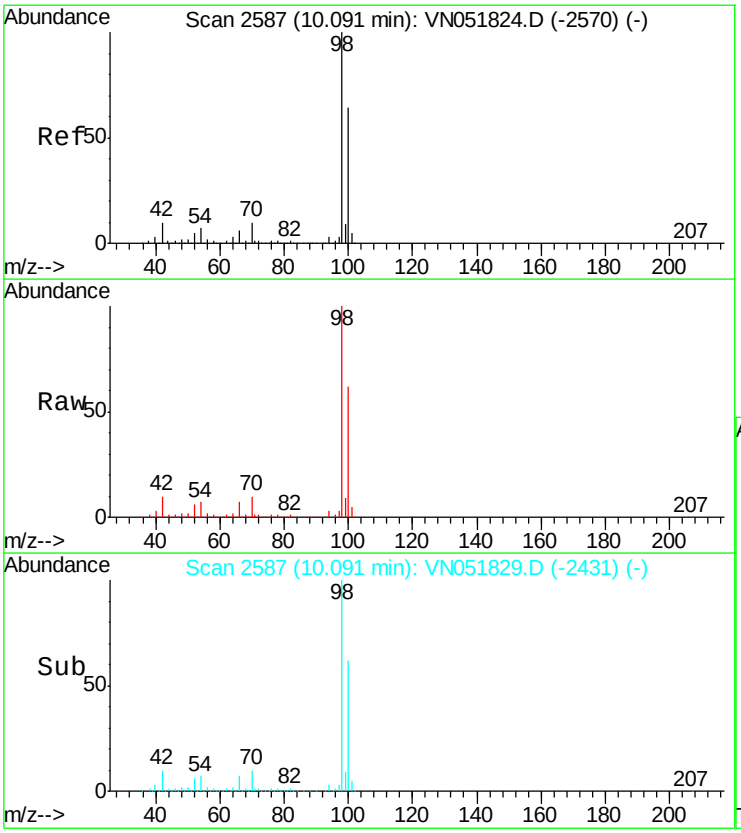
#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051829.D
Acq: 12 Oct 2018 13:38

Instrument :
MSVOA_N
ClientSampleId :
VN1012WBL01

Tgt Ion: 95 Resp: 189407

Ion	Ratio	Lower	Upper
95	100		
174	92.9	73.5	110.3
176	91.6	70.2	105.2





#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051829.D
Acq: 12 Oct 2018 13:38

Tgt Ion: 98 Resp: 789201

Ion	Ratio	Lower	Upper
98	100		
100	62.8	50.8	76.2