Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081719\
Data File : VN057353.D
Acq On : 16 Aug 2019 14:18
Operator : JC/SP
Sample : VN0817WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0817WBL02

Quant Time: Aug 16 14:40:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 16 13:33:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	142114	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	781338	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	600895	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.02	65	278819	30.52	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 101.73%			
60) 4-Bromofluorobenzene	12.40	95	192200	21.72	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 72.40%			
63) Toluene-d8	10.08	98	894761	33.01	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 110.03%			
Target Compounds						Qvalue

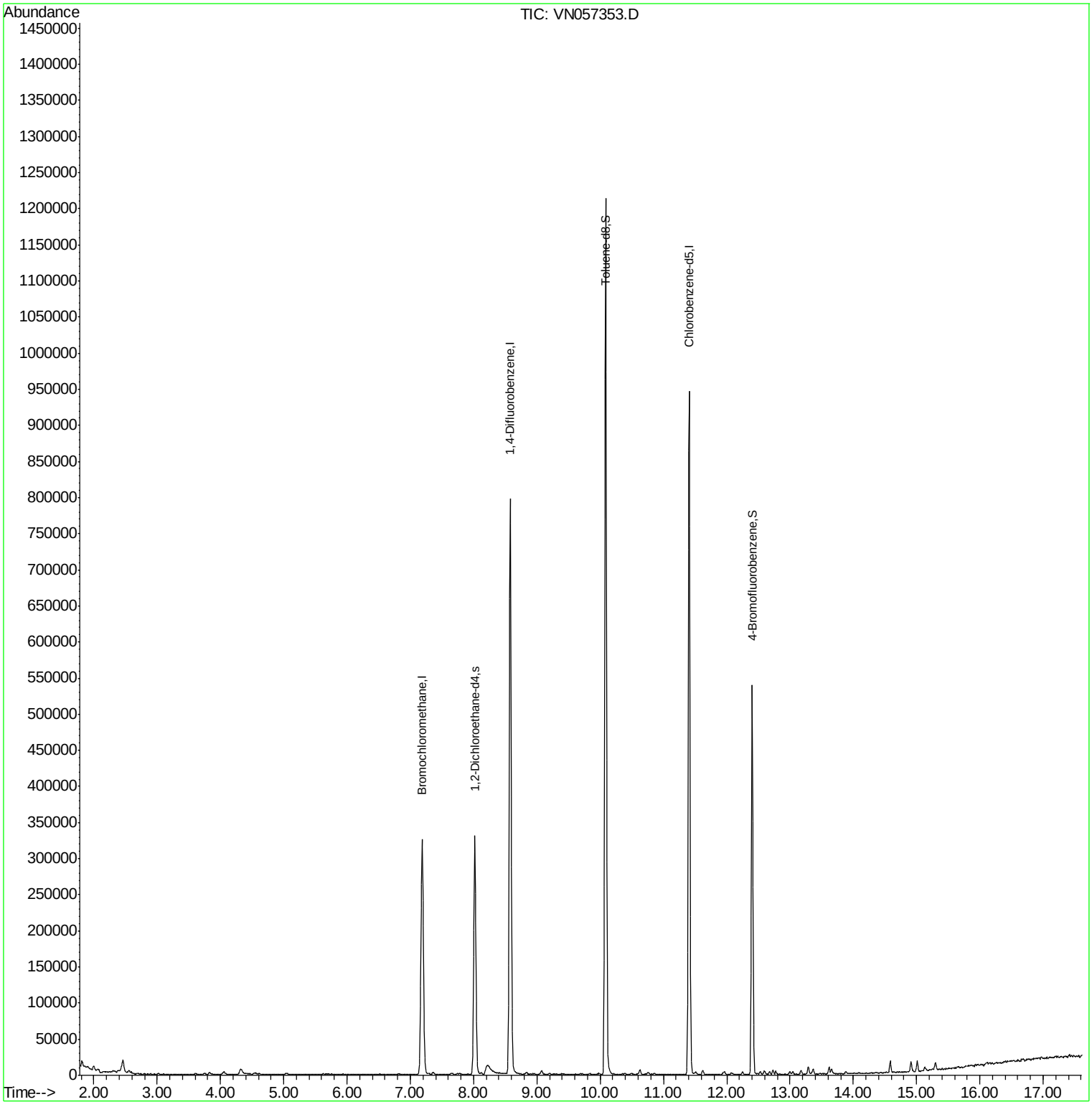
(#) = qualifier out of range (m) = manual integration (+) = signals summed

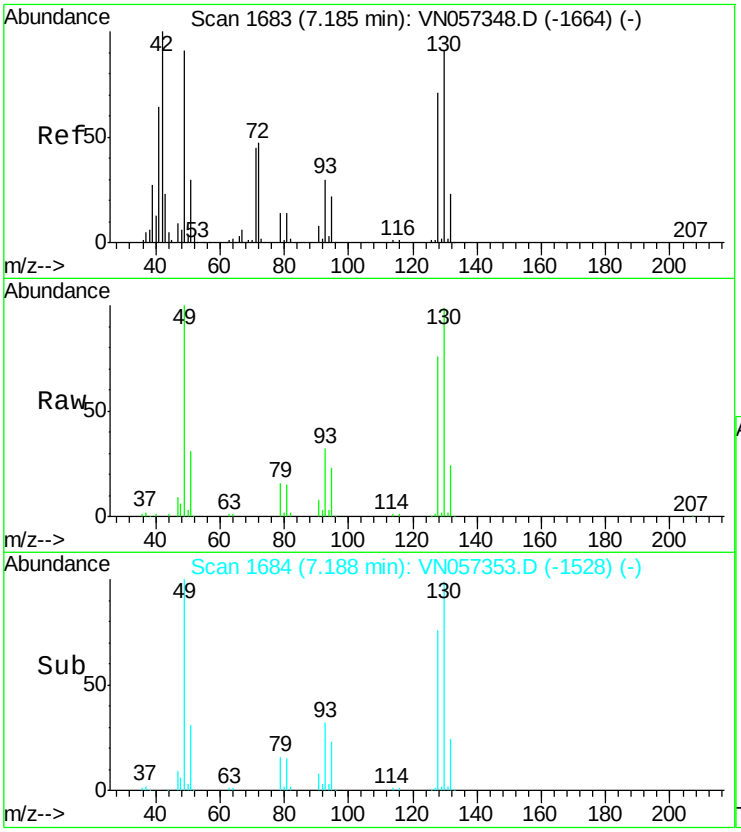
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081719\
Data File : VN057353.D
Acq On : 16 Aug 2019 14:18
Operator : JC/SP
Sample : VN0817WBL02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0817WBL02

Quant Time: Aug 16 14:40:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N081719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 16 13:33:03 2019
Response via : Initial Calibration



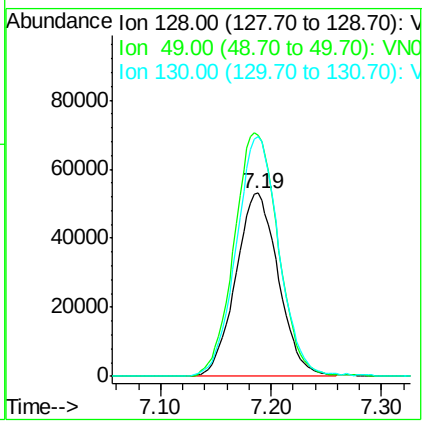


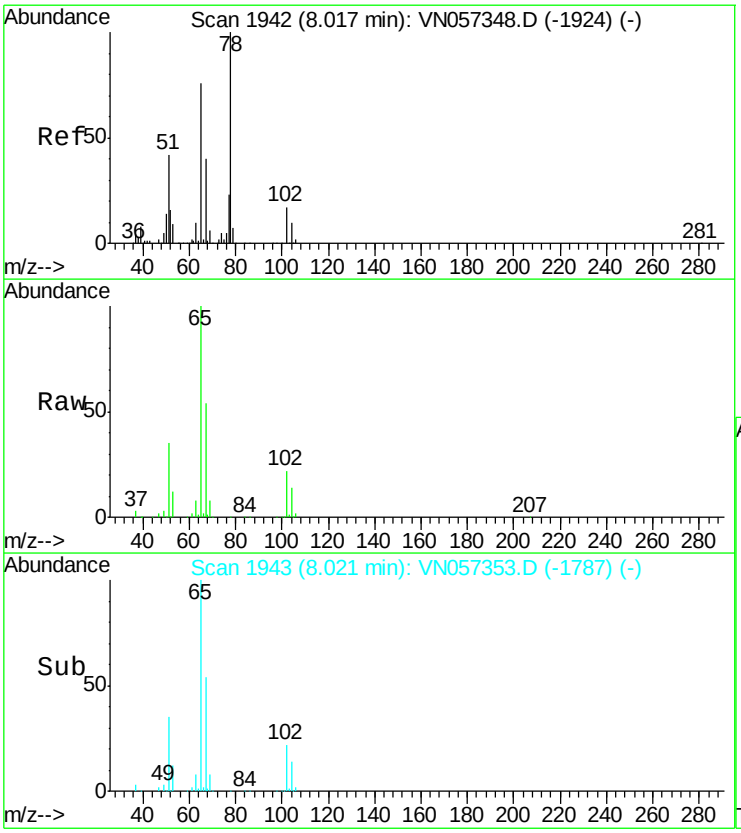
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN057353.D
Acq: 16 Aug 2019 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBL02

Tgt Ion:128 Resp: 142114

Ion	Ratio	Lower	Upper
128	100		
49	137.0	0.0	390.5
130	130.7	0.0	316.5

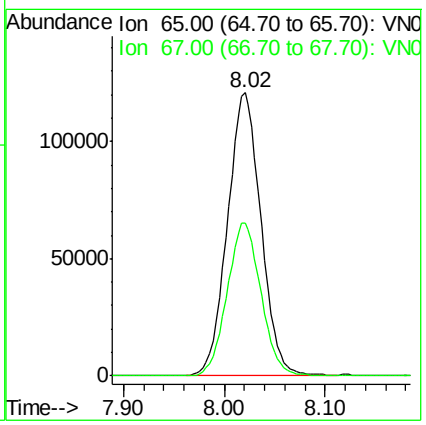


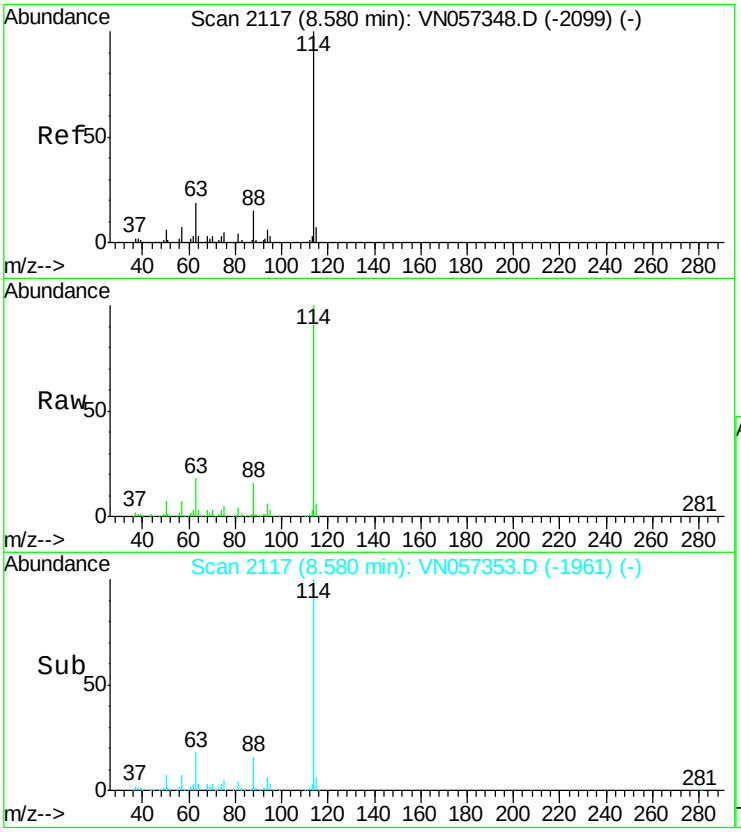


#27
1,2-Dichloroethane-d4
Concen: 30.516 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN057353.D
Acq: 16 Aug 2019 14:18

Tgt Ion: 65 Resp: 278819

Ion	Ratio	Lower	Upper
65	100		
67	54.6	43.4	65.0



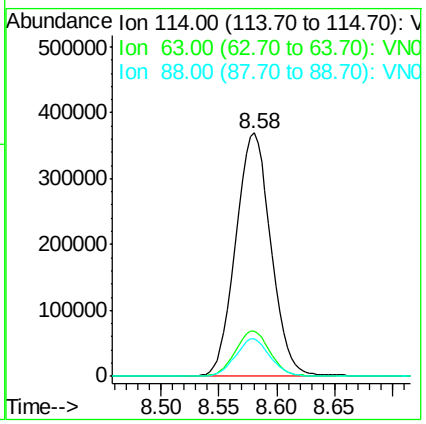


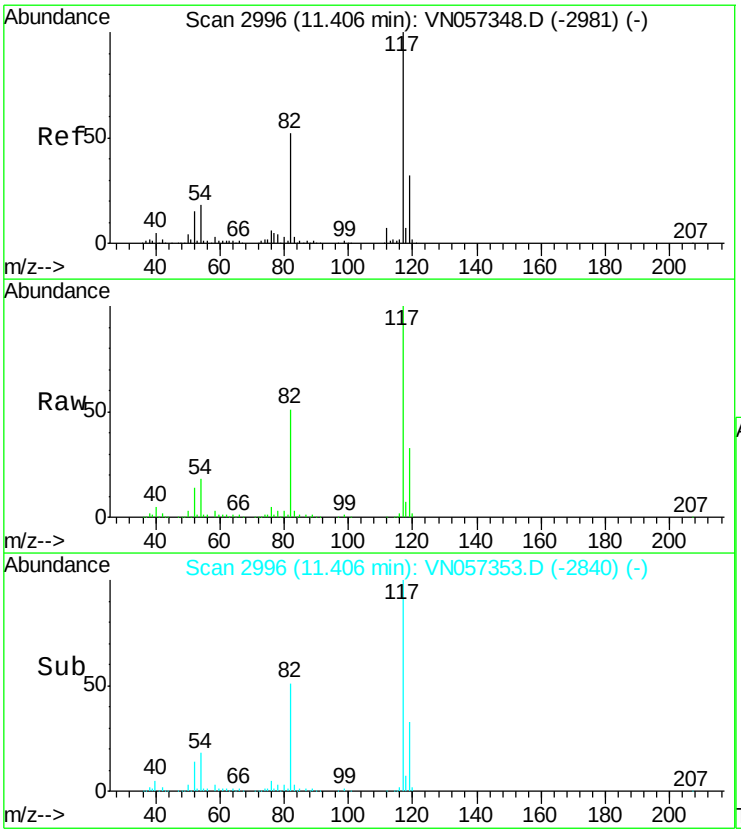
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.58 min Scan# 2117
Delta R.T. 0.00 min
Lab File: VN057353.D
Acq: 16 Aug 2019 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBL02

Tgt Ion:114 Resp: 781338

Ion	Ratio	Lower	Upper
114	100		
63	18.5	16.2	24.2
88	15.1	12.3	18.5

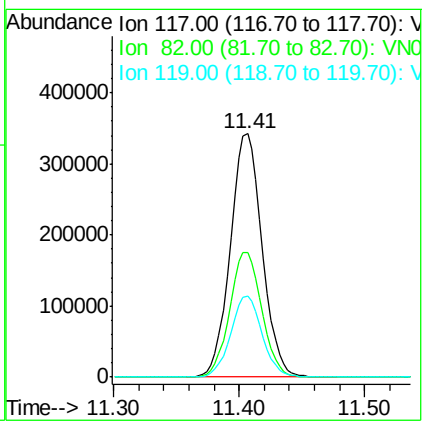


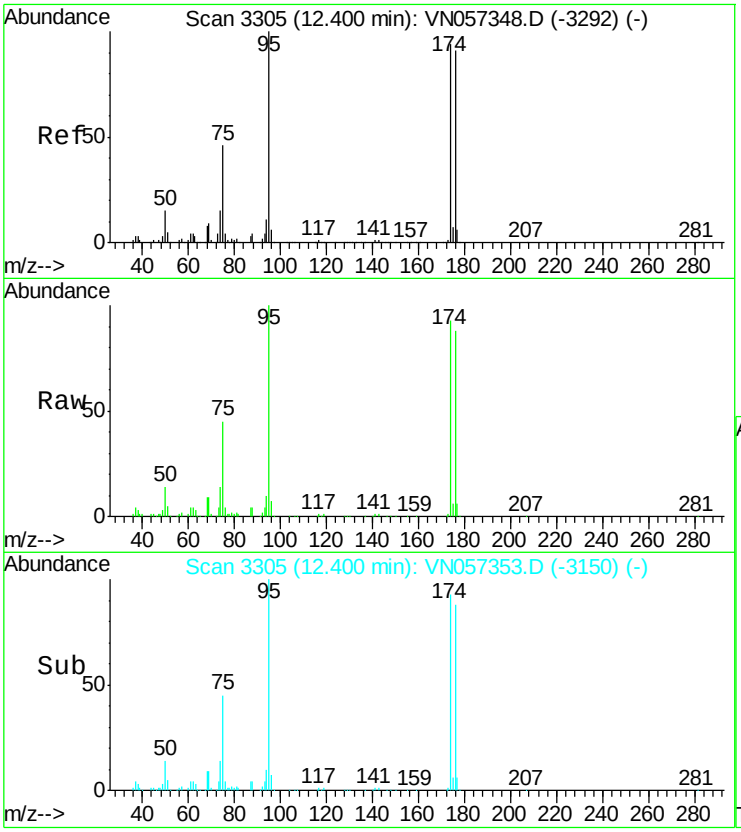


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057353.D
Acq: 16 Aug 2019 14:18

Tgt Ion:117 Resp: 600895

Ion	Ratio	Lower	Upper
117	100		
82	52.0	43.0	64.4
119	32.8	26.0	39.0



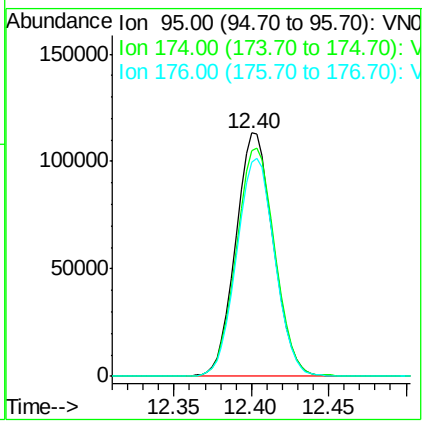


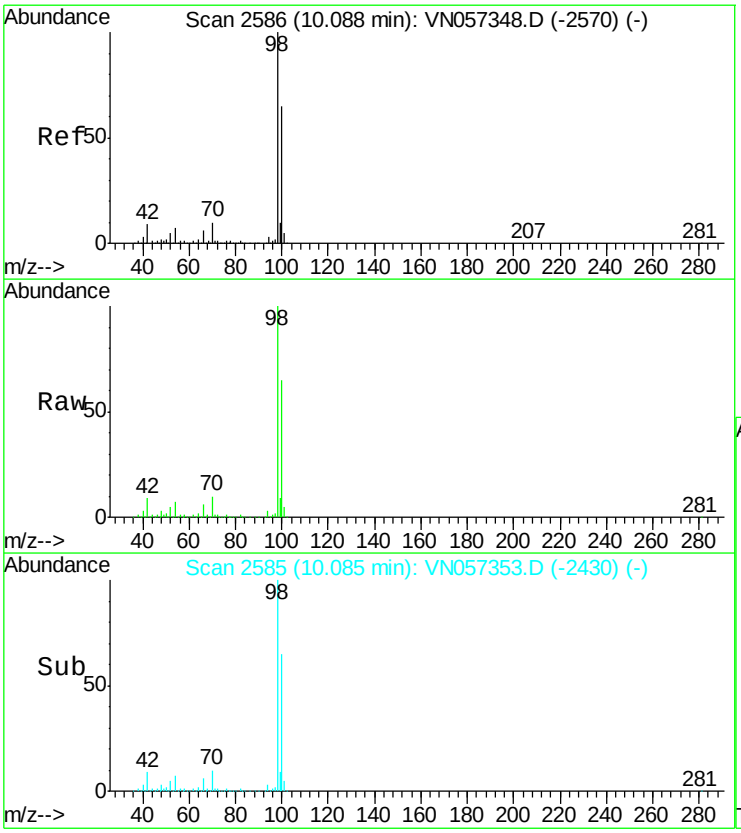
#60
4-Bromofluorobenzene
Concen: 21.722 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN057353.D
Acq: 16 Aug 2019 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBL02

Tgt Ion: 95 Resp: 192200

Ion	Ratio	Lower	Upper
95	100		
174	96.0	72.6	108.8
176	90.7	71.0	106.6





#63
Toluene-d8
Concen: 33.013 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN057353.D
Acq: 16 Aug 2019 14:18

Tgt Ion: 98 Resp: 894761

Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.1	76.7