Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110719\
Data File : VN059110.D
Acq On : 7 Nov 2019 10:38
Operator : JC/SP
Sample : VN1107WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN1107WBL01

Quant Time: Nov 08 01:27:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:26:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.17	128	73149	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	407862	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	343415	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.00	65	177600	28.61	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 95.37%			
60) 4-Bromofluorobenzene	12.40	95	144956	24.13	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 80.43%			
63) Toluene-d8	10.08	98	493028	30.41	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 101.37%			

Target Compounds	Qvalue

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

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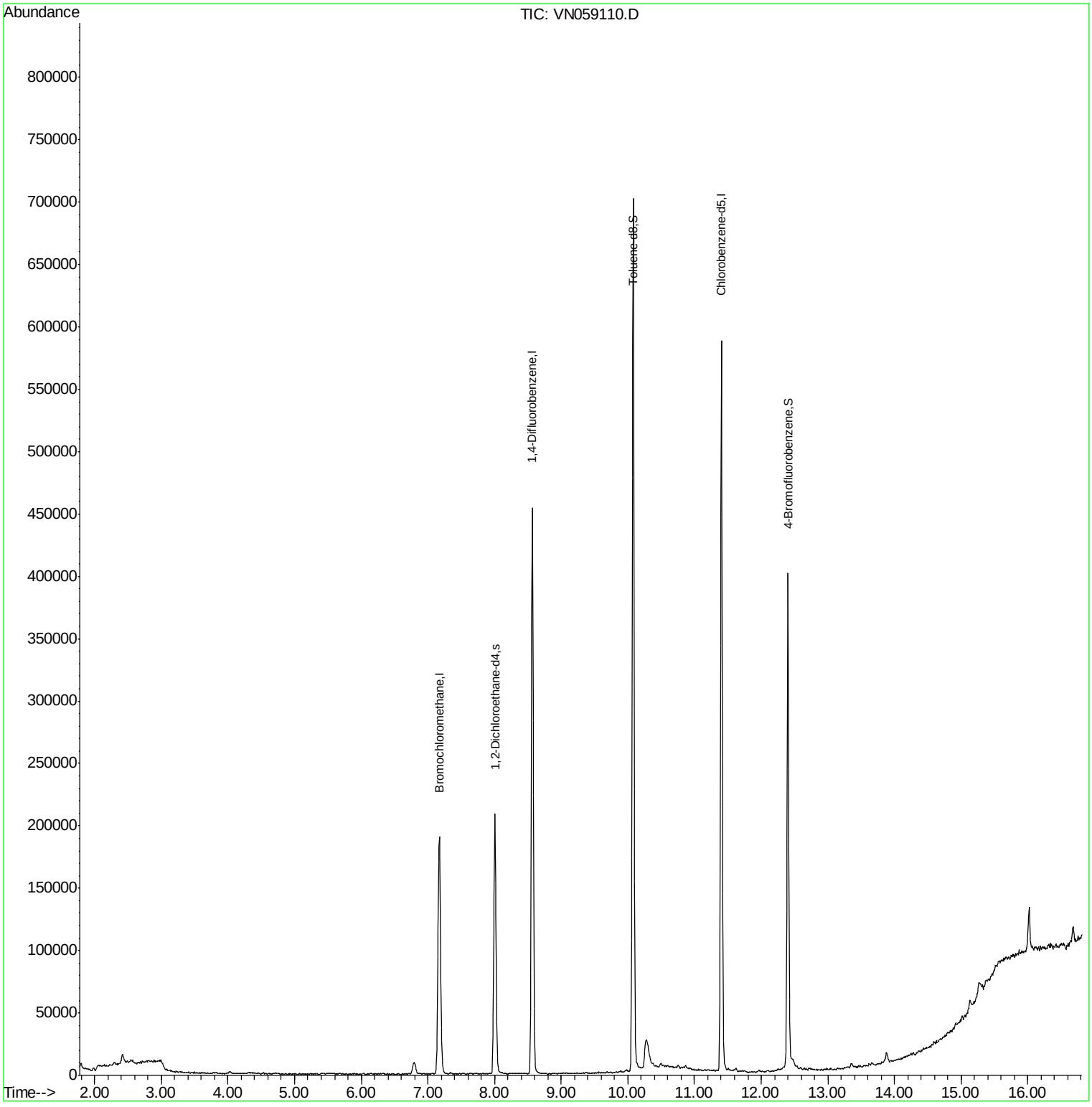
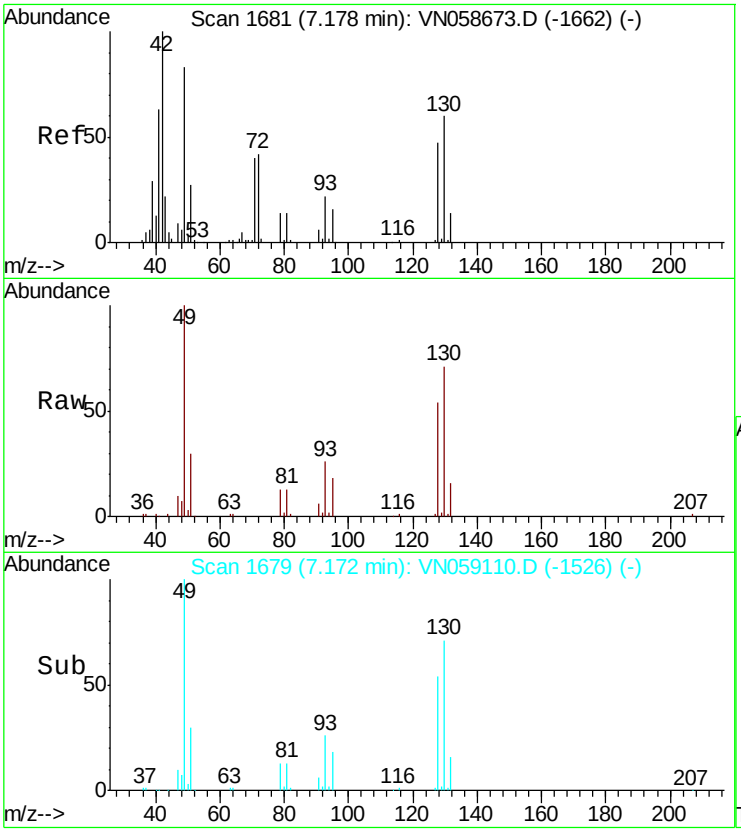


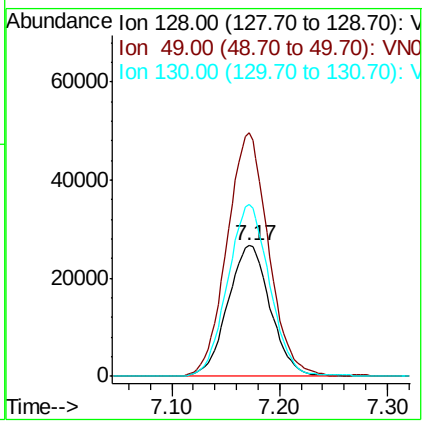


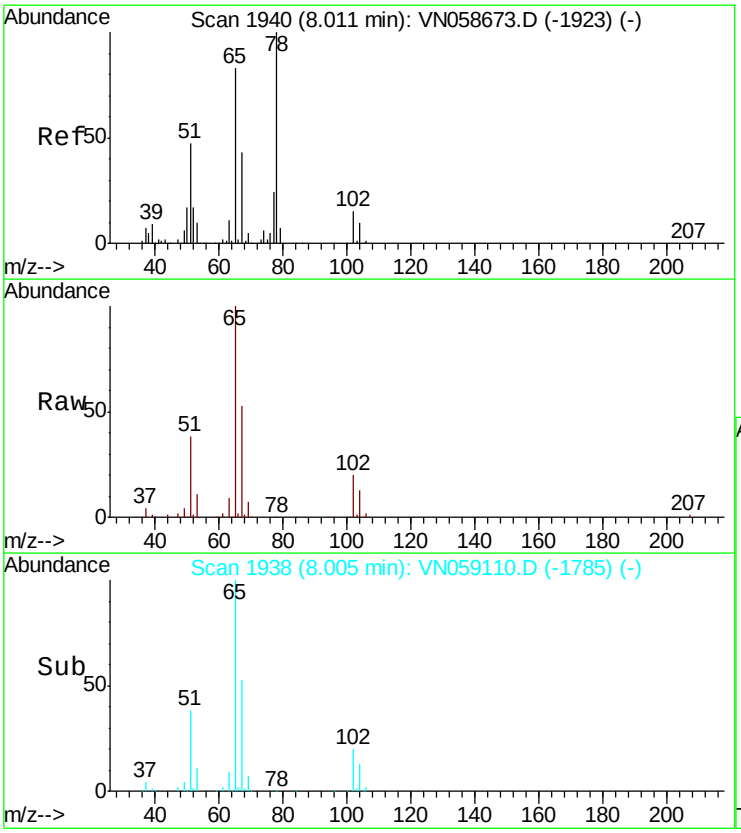
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.01 min
Lab File: VN059110.D
Acq: 7 Nov 2019 10:38

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

Tgt Ion:128 Resp: 73149

Ion	Ratio	Lower	Upper
128	100		
49	182.2	0.0	453.5
130	129.5	0.0	314.2

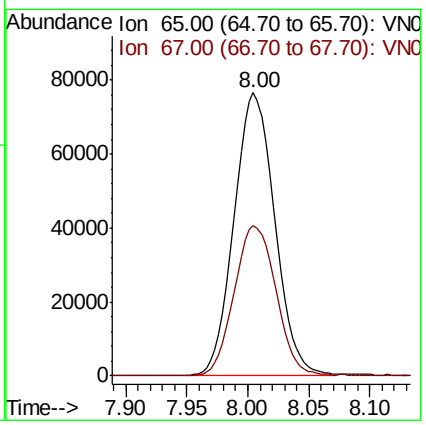


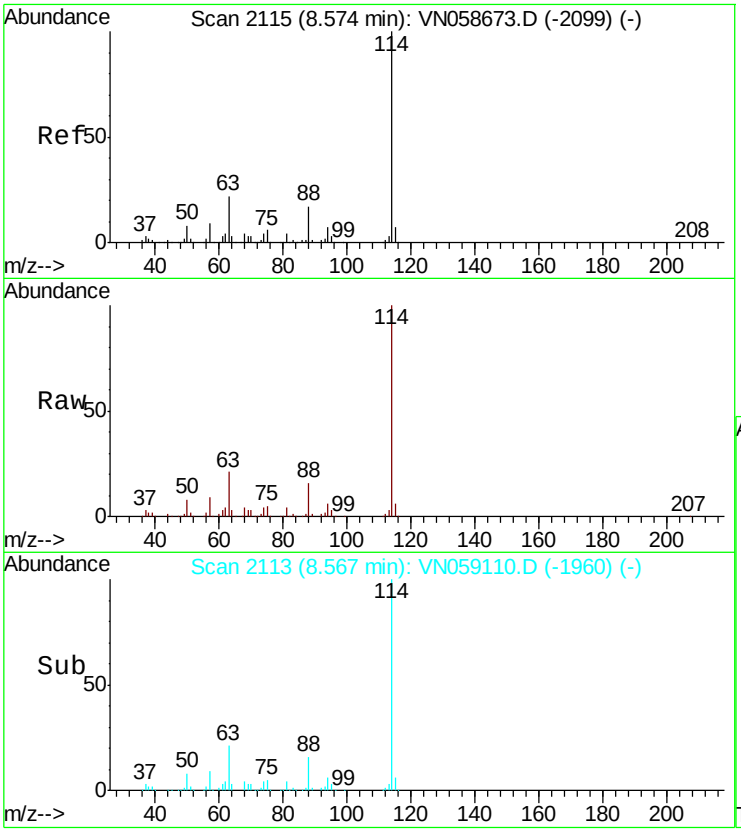


#27
1,2-Dichloroethane-d4
Concen: 28.606 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.01 min
Lab File: VN059110.D
Acq: 7 Nov 2019 10:38

Tgt Ion: 65 Resp: 177600

Ion	Ratio	Lower	Upper
65	100		
67	54.4	41.5	62.3



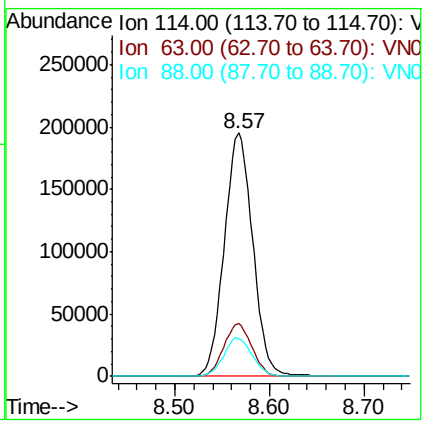


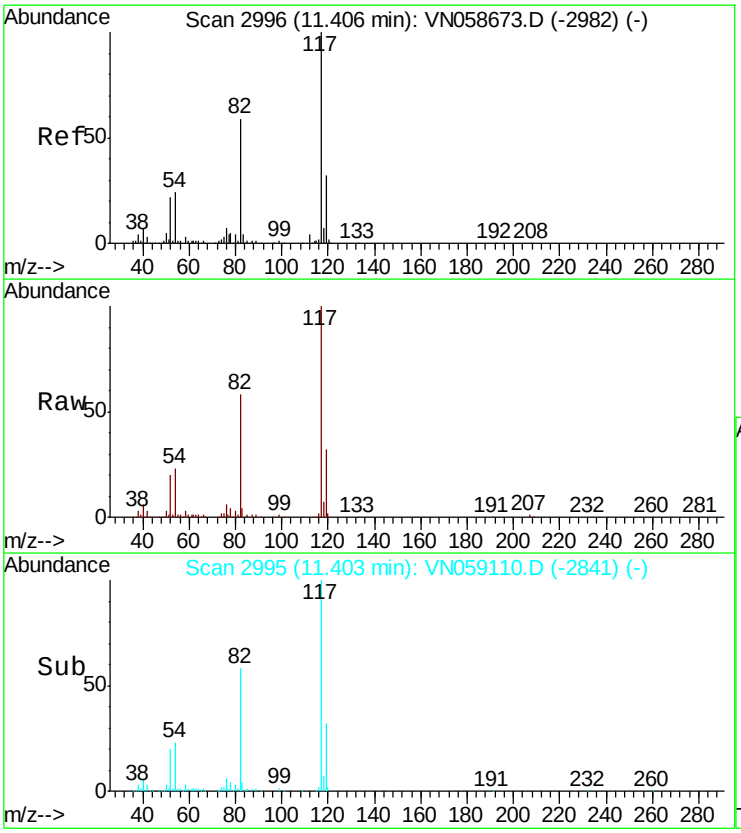
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.01 min
Lab File: VN059110.D
Acq: 7 Nov 2019 10:38

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

Tgt Ion:114 Resp: 407862

Ion	Ratio	Lower	Upper
114	100		
63	21.4	18.1	27.1
88	16.0	13.0	19.4

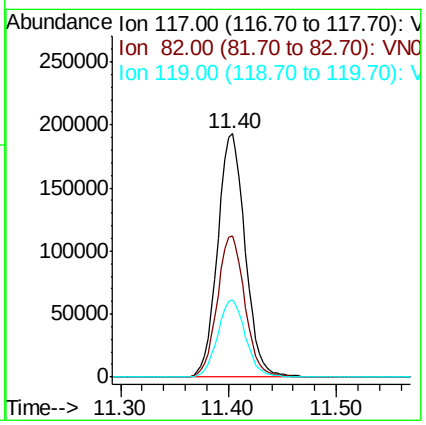


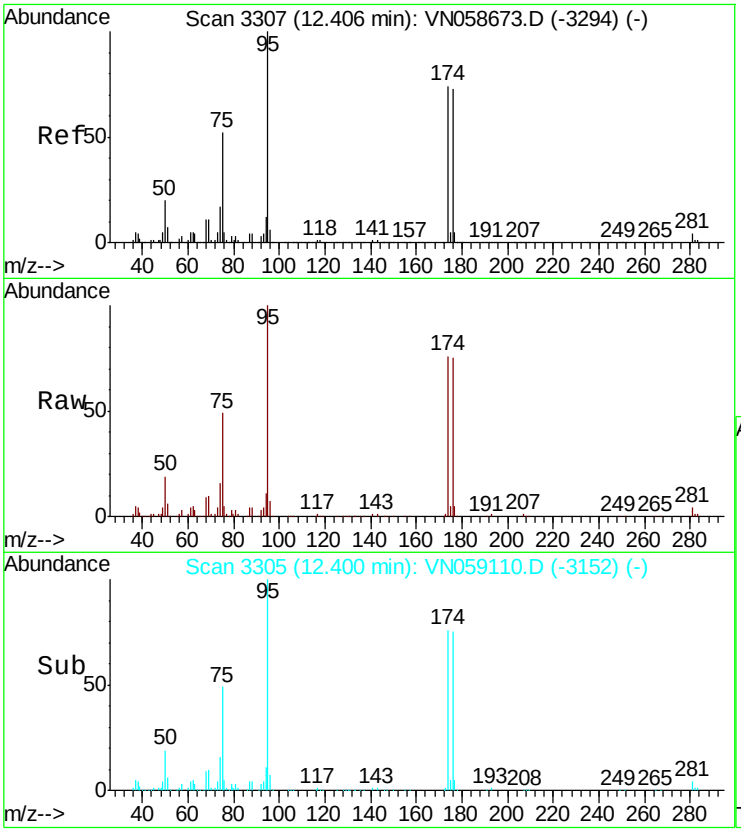


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059110.D
Acq: 7 Nov 2019 10:38

Tgt Ion:117 Resp: 343415

Ion	Ratio	Lower	Upper
117	100		
82	58.2	46.9	70.3
119	32.1	25.8	38.6



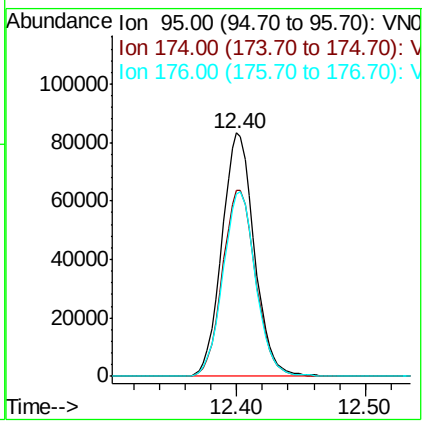


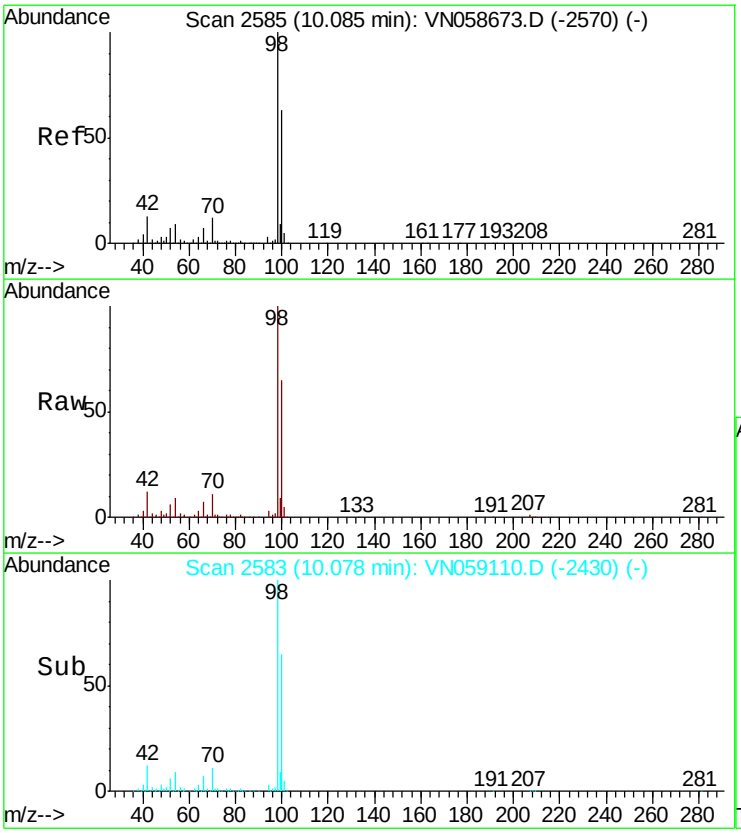
#60
4-Bromofluorobenzene
Concen: 24.130 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.01 min
Lab File: VN059110.D
Acq: 7 Nov 2019 10:38

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBL01

Tgt Ion: 95 Resp: 144956

Ion	Ratio	Lower	Upper
95	100		
174	78.2	59.9	89.9
176	76.5	58.3	87.5





#63
Toluene-d8
Concen: 30.406 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.01 min
Lab File: VN059110.D
Acq: 7 Nov 2019 10:38

Tgt Ion: 98 Resp: 493028

Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.6	75.8