Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110719\
Data File : VN059113.D
Acq On : 7 Nov 2019 11:52
Operator : JC/SP
Sample : K5704-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TRIP-BLANK

Quant Time: Nov 08 02:16:49 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	75760	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	8.57	114	415226	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	357139	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.00	65	183571	28.55	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 95.17%			
60) 4-Bromofluorobenzene	12.40	95	152589	24.42	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 81.40%			
63) Toluene-d8	10.08	98	505026	29.95	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 99.83%			
Target Compounds						Qvalue

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

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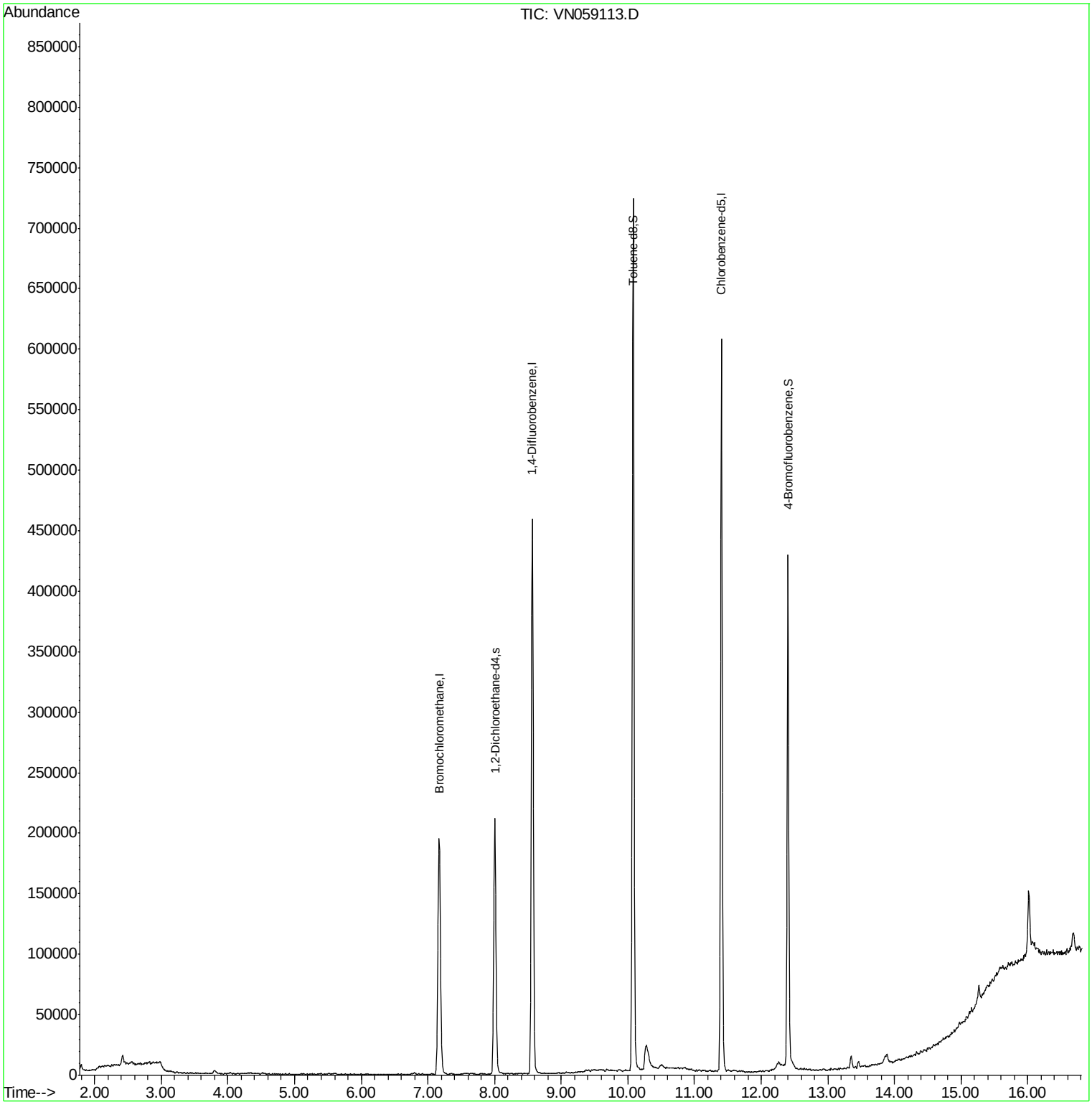
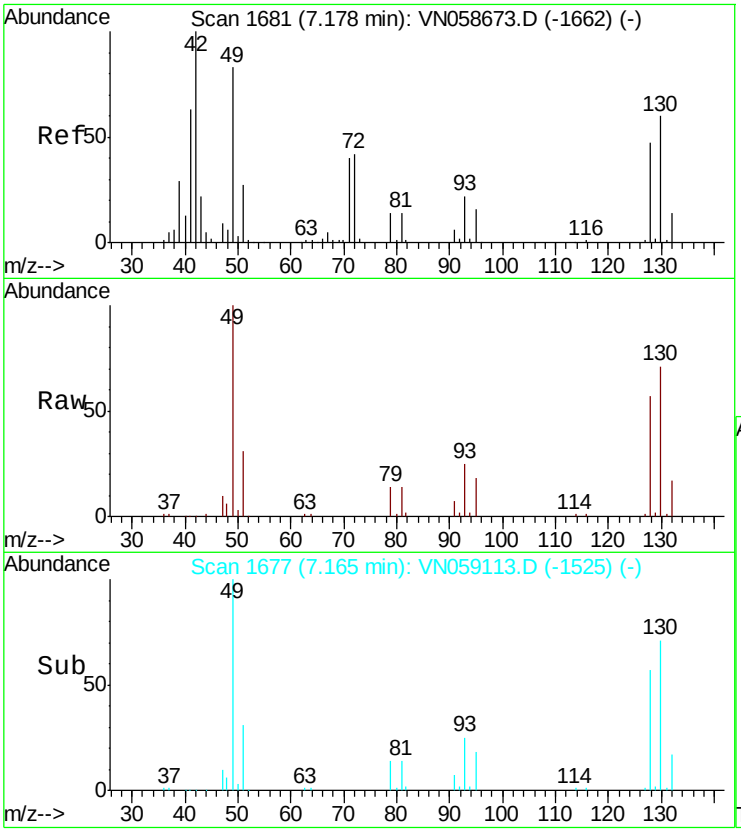


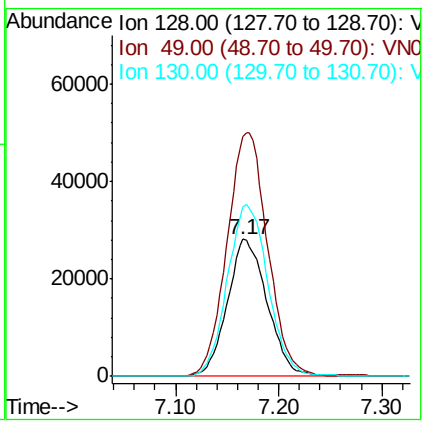


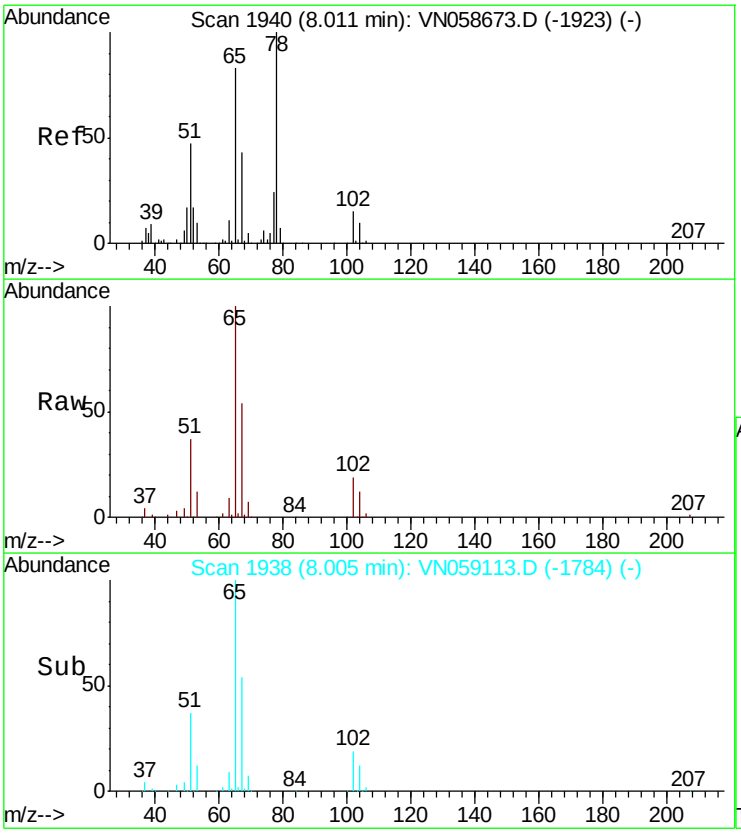
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.01 min
Lab File: VN059113.D
Acq: 7 Nov 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:128 Resp: 75760

Ion	Ratio	Lower	Upper
128	100		
49	180.3	0.0	453.5
130	127.4	0.0	314.2

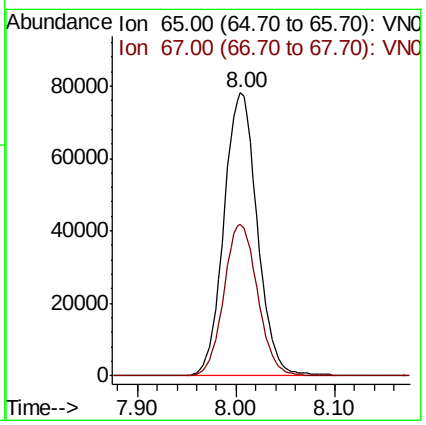


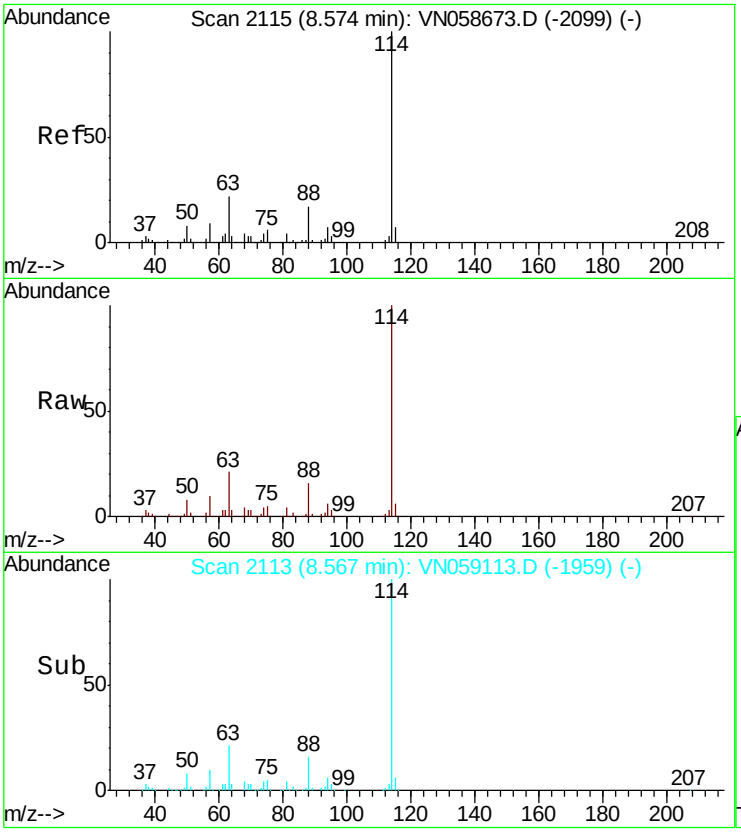


#27
1,2-Dichloroethane-d4
Concen: 28.549 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.01 min
Lab File: VN059113.D
Acq: 7 Nov 2019 11:52

Tgt Ion: 65 Resp: 183571

Ion	Ratio	Lower	Upper
65	100		
67	54.1	41.5	62.3



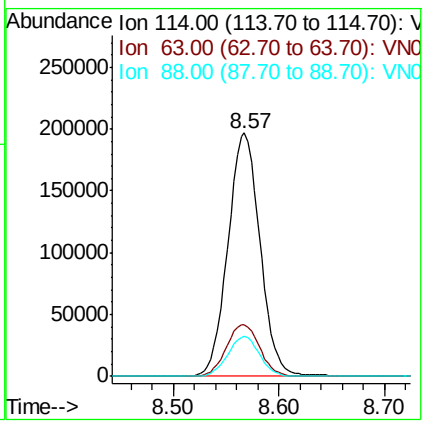


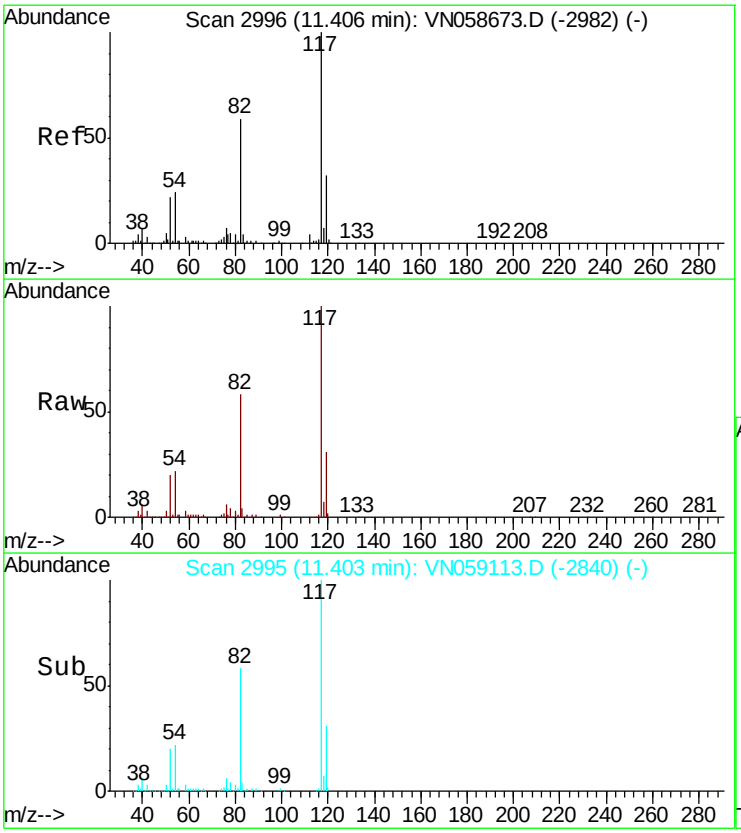
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.01 min
Lab File: VN059113.D
Acq: 7 Nov 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:114 Resp: 415226

Ion	Ratio	Lower	Upper
114	100		
63	21.9	18.1	27.1
88	16.2	13.0	19.4

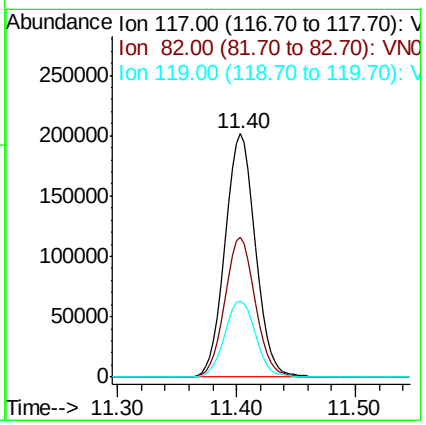


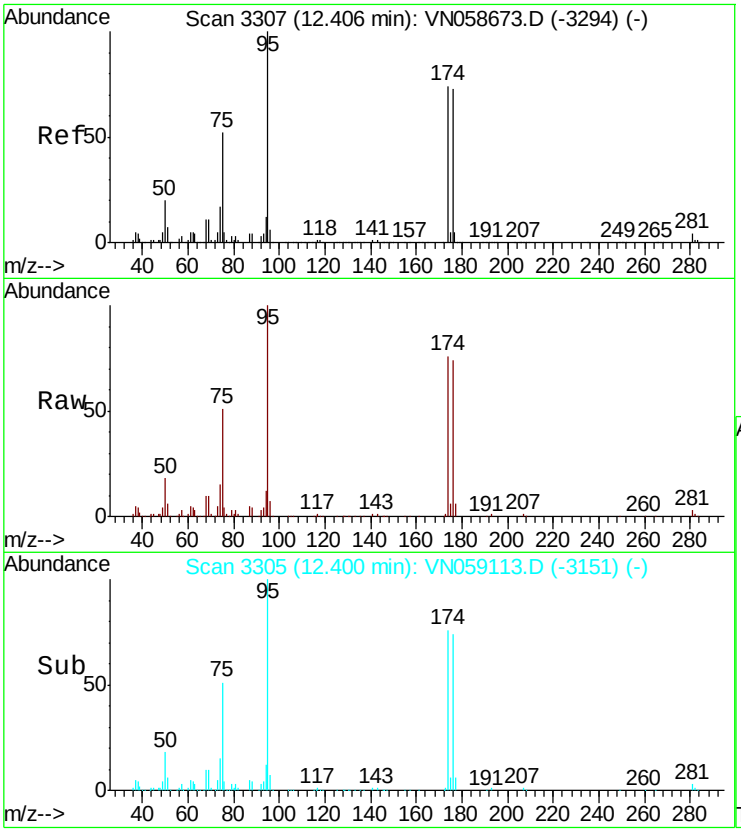


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059113.D
Acq: 7 Nov 2019 11:52

Tgt Ion:117 Resp: 357139

Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.9	70.3
119	32.0	25.8	38.6



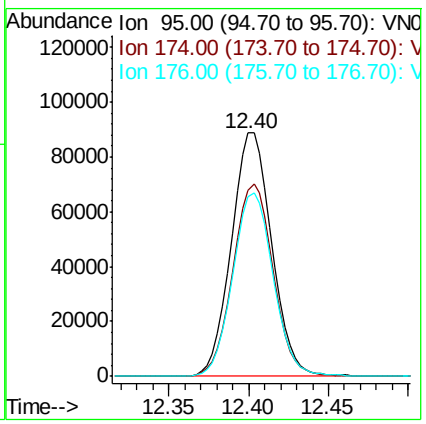


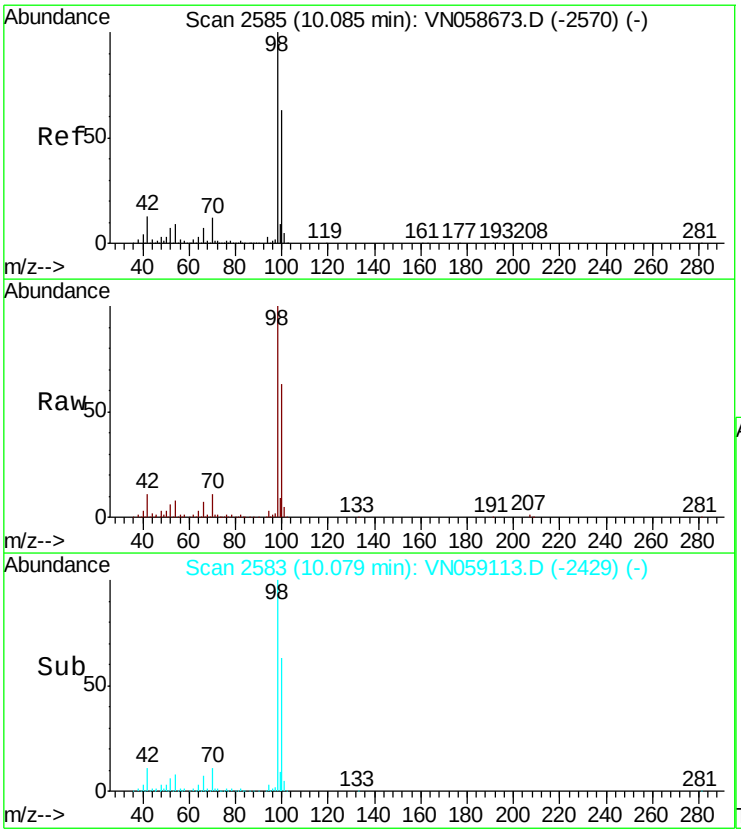
#60
4-Bromofluorobenzene
Concen: 24.425 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.01 min
Lab File: VN059113.D
Acq: 7 Nov 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion: 95 Resp: 152589

Ion	Ratio	Lower	Upper
95	100		
174	78.7	59.9	89.9
176	75.8	58.3	87.5





#63
Toluene-d8
Concen: 29.949 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.01 min
Lab File: VN059113.D
Acq: 7 Nov 2019 11:52

Tgt Ion: 98 Resp: 505026

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.6	75.8