Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090319\
Data File : VN057670.D
Acq On : 3 Sep 2019 18:35
Operator : JC/SP
Sample : K4651-01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : TT-TB-20190830

Quant Time: Sep 04 03:10:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N090319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Sep 04 02:08:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	58248	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	356118	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	279315	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	191562	30.94	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 103.13%			
60) 4-Bromofluorobenzene	12.40	95	106564	22.33	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 74.43%			
63) Toluene-d8	10.09	98	435358	32.37	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 107.90%			

Target Compounds	Qvalue

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

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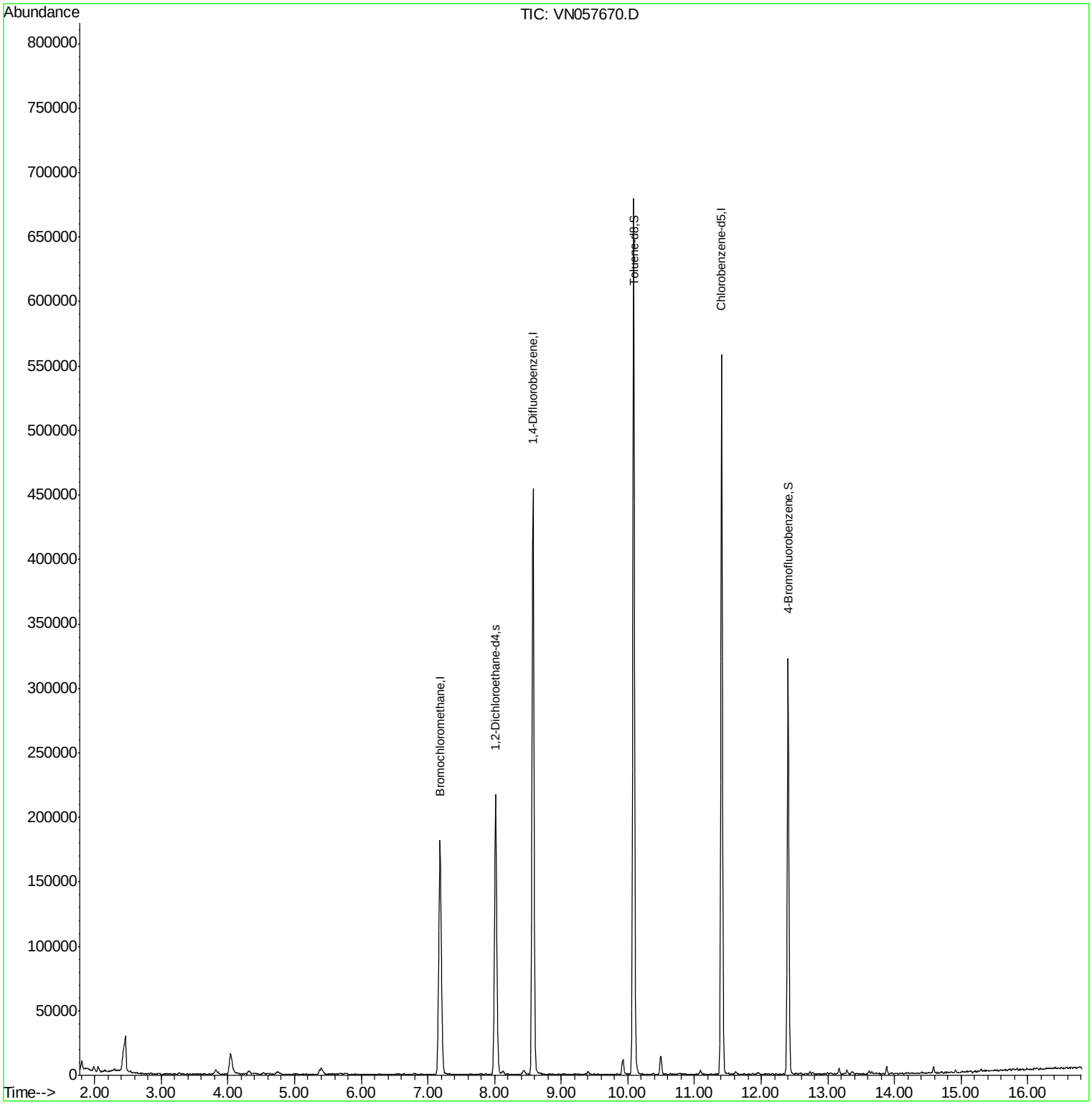
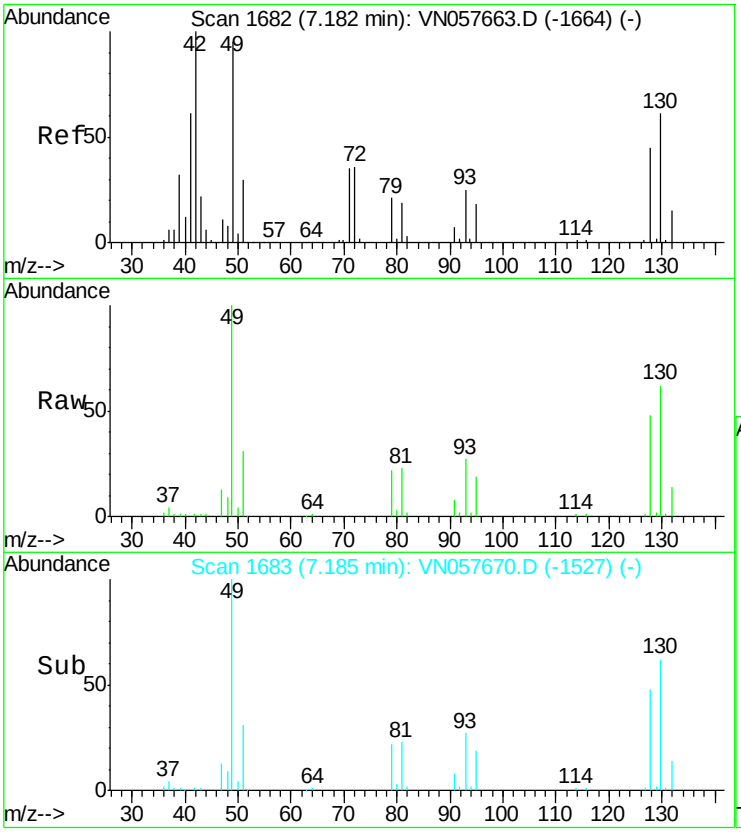


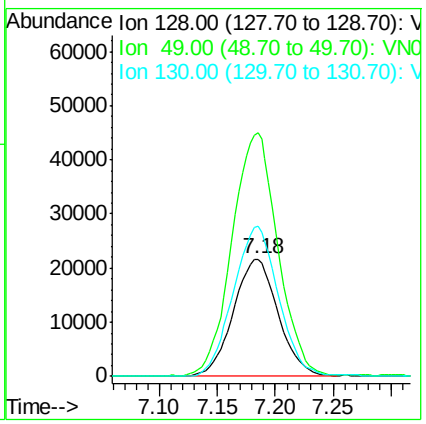


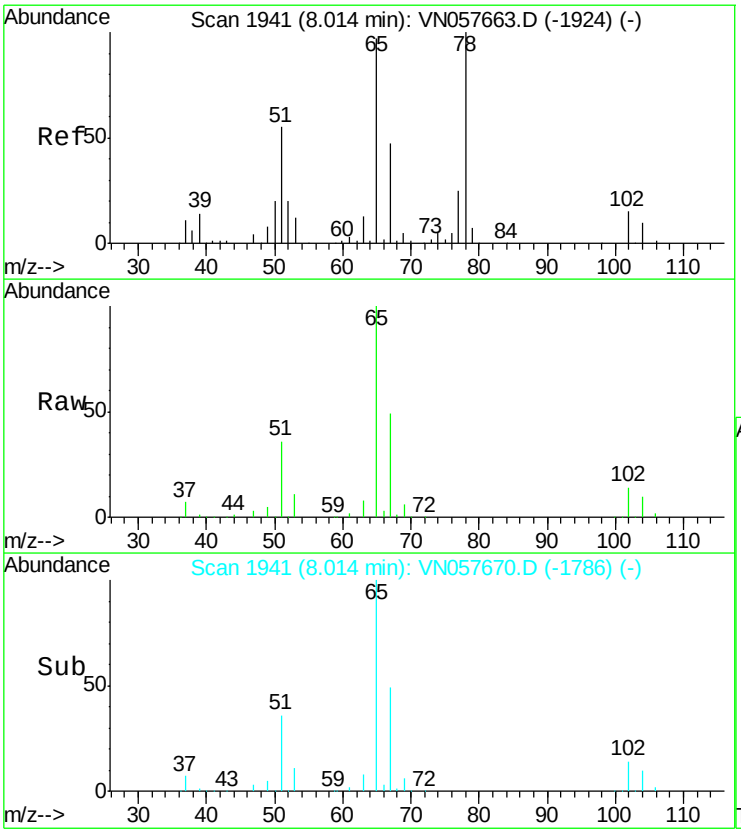
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VN057670.D
Acq: 3 Sep 2019 18:35

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20190830

Tgt Ion:128 Resp: 58248

Ion	Ratio	Lower	Upper
128	100		
49	211.7	0.0	544.5
130	128.7	0.0	324.7

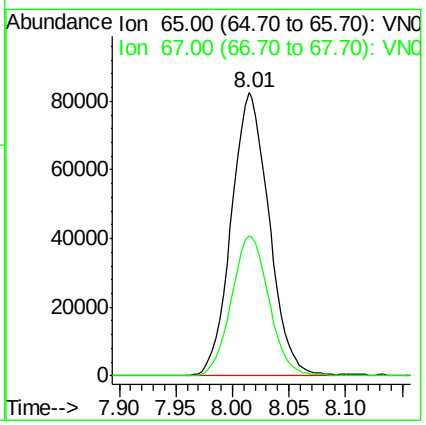


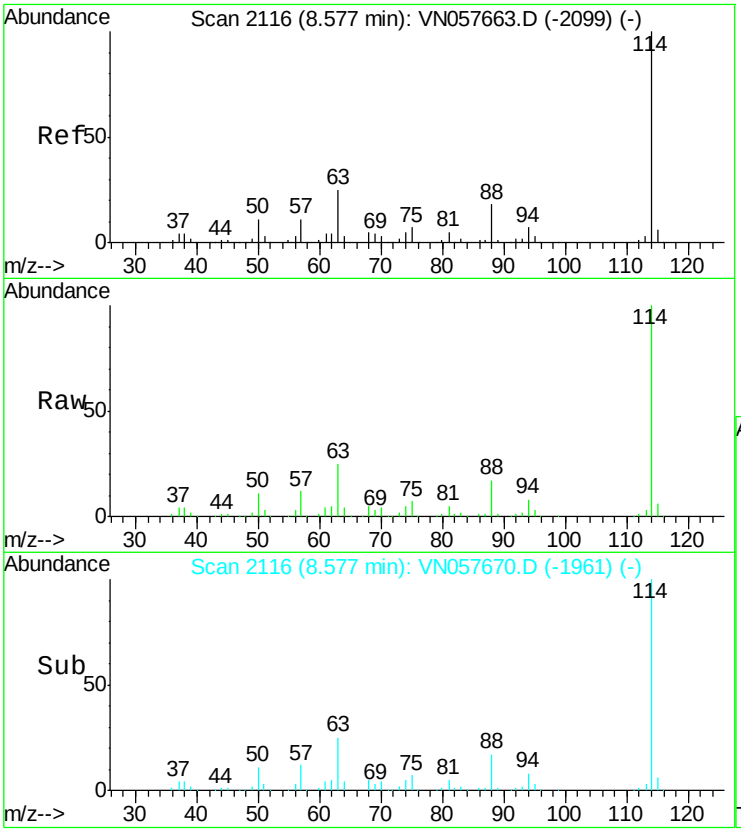


#27
1,2-Dichloroethane-d4
Concen: 30.937 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057670.D
Acq: 3 Sep 2019 18:35

Tgt Ion: 65 Resp: 191562

Ion	Ratio	Lower	Upper
65	100		
67	49.2	38.6	57.8



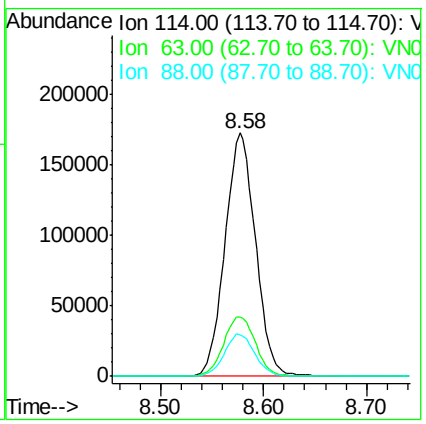


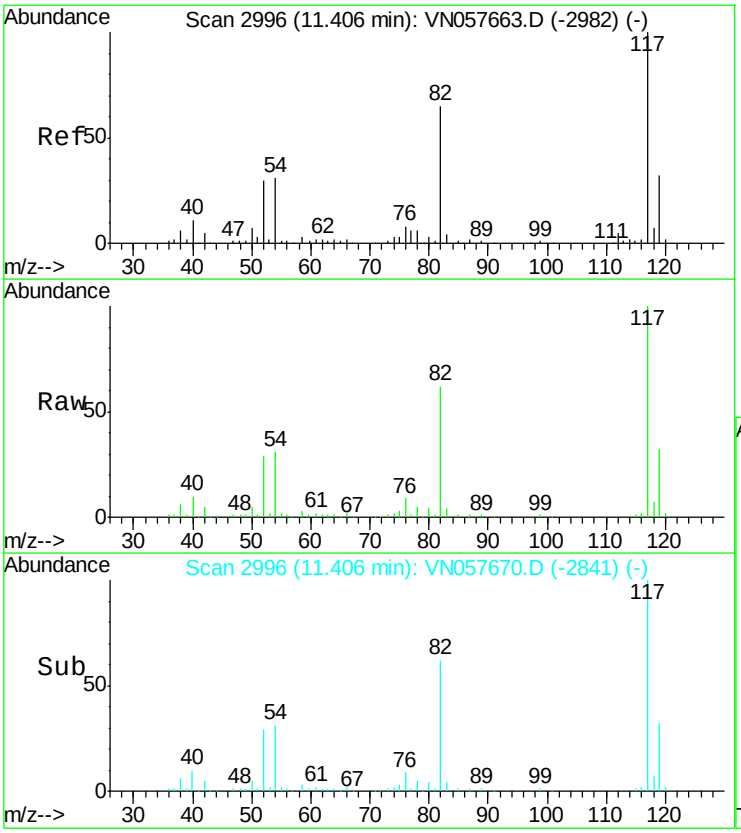
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. -0.00 min
Lab File: VN057670.D
Acq: 3 Sep 2019 18:35

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20190830

Tgt Ion:114 Resp: 356118

Ion	Ratio	Lower	Upper
114	100		
63	25.5	20.6	30.8
88	17.4	14.3	21.5

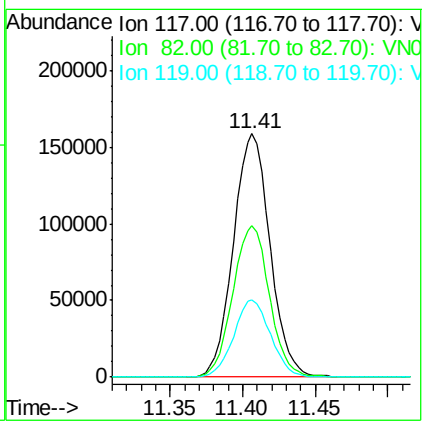


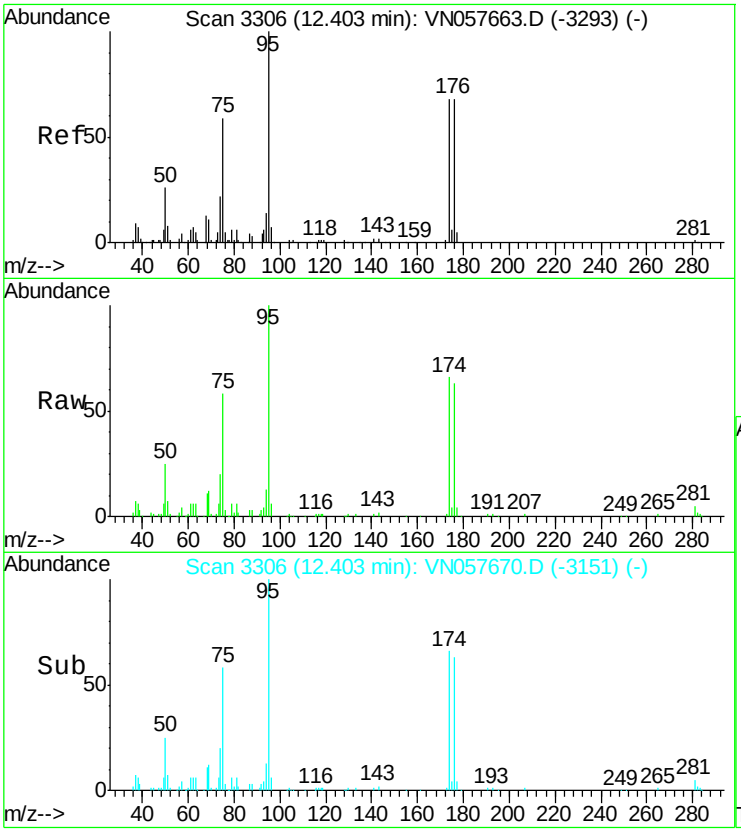


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057670.D
Acq: 3 Sep 2019 18:35

Tgt Ion:117 Resp: 279315

Ion	Ratio	Lower	Upper
117	100		
82	62.0	51.2	76.8
119	31.7	25.8	38.6



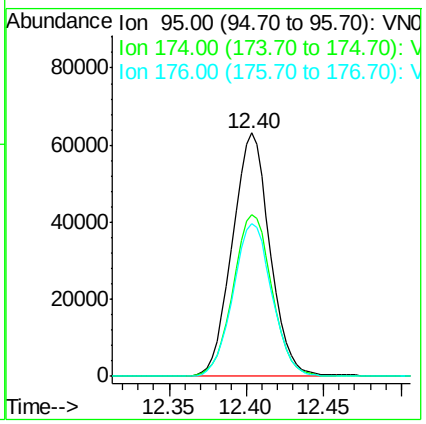


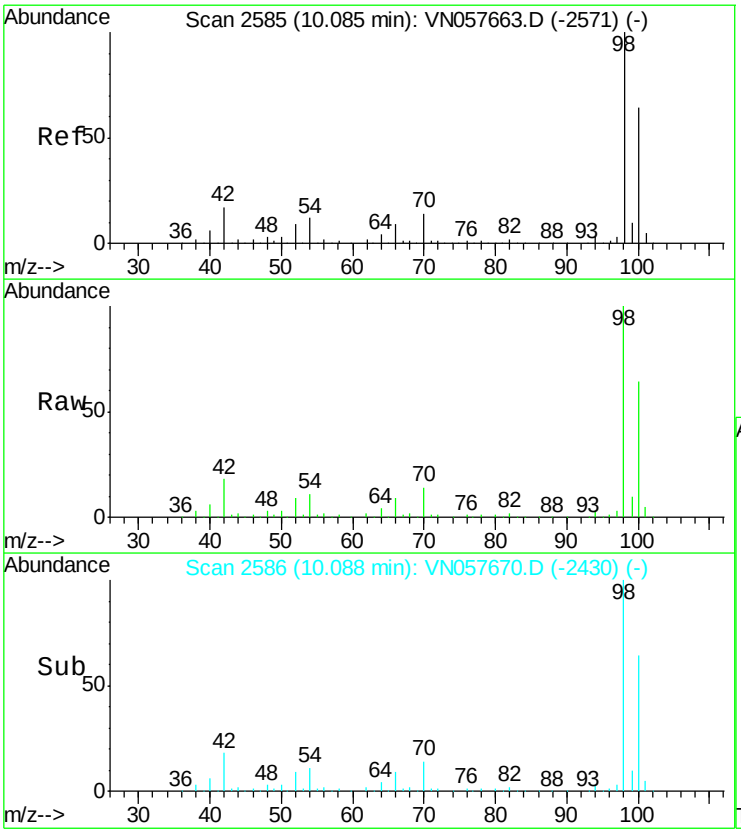
#60
4-Bromofluorobenzene
Concen: 22.331 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN057670.D
Acq: 3 Sep 2019 18:35

Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20190830

Tgt Ion: 95 Resp: 106564

Ion	Ratio	Lower	Upper
95	100		
174	68.6	55.0	82.6
176	65.0	53.7	80.5





#63
Toluene-d8
Concen: 32.369 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN057670.D
Acq: 3 Sep 2019 18:35

Tgt Ion: 98 Resp: 435358

Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.0	76.6