Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN030119\
Data File : VN054022.D
Acq On : 1 Mar 2019 11:57
Operator : JC/SP
Sample : VN0301WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0301WBL01

Quant Time: Mar 01 23:57:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N030119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Mar 01 11:11:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	115910	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	624157	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	510463	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	242686	29.82	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.40%			
60) 4-Bromofluorobenzene	12.40	95	191010	24.45	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 81.50%			
63) Toluene-d8	10.09	98	743224	30.26	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 100.87%			

Target Compounds	Qvalue

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

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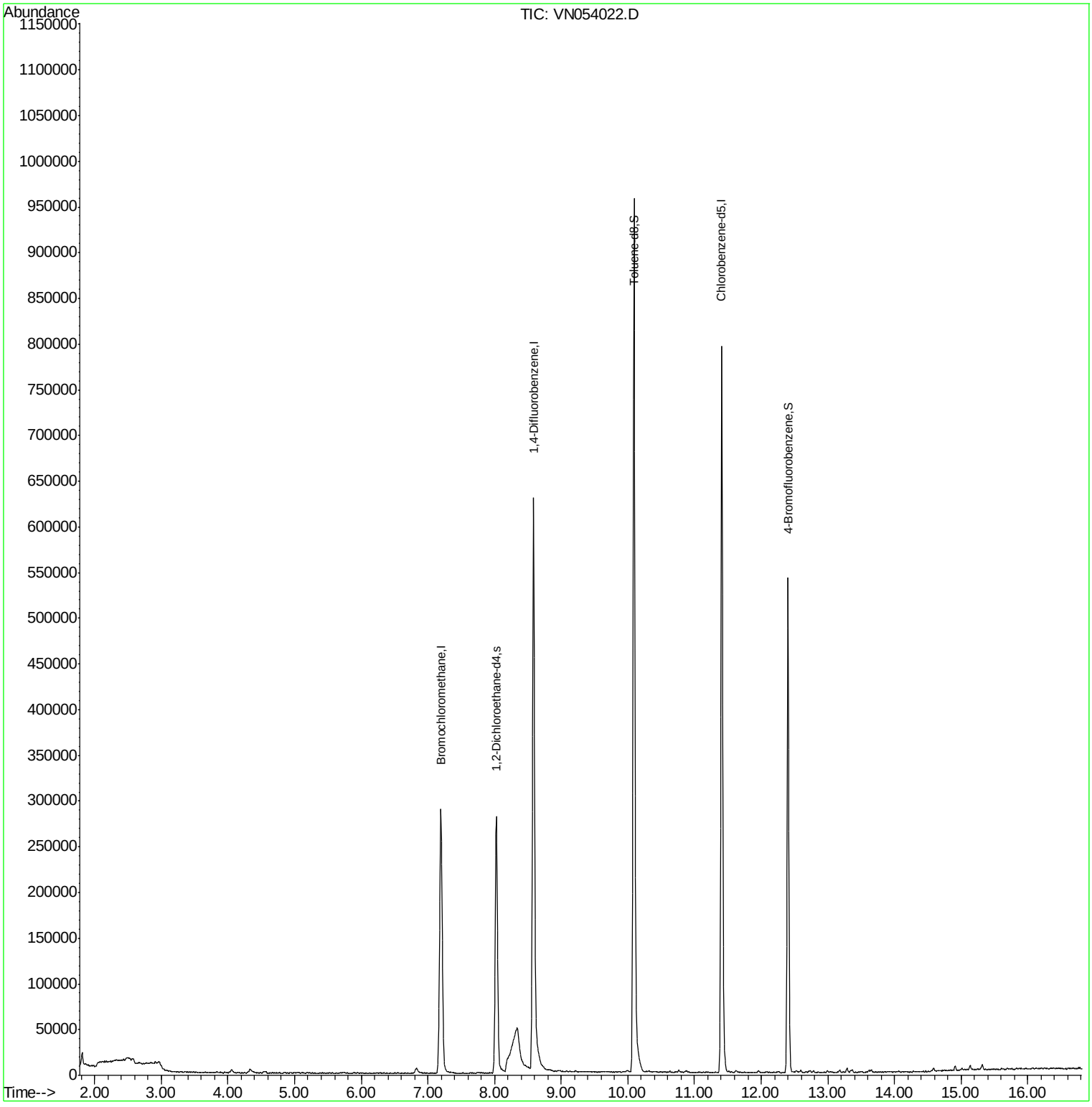
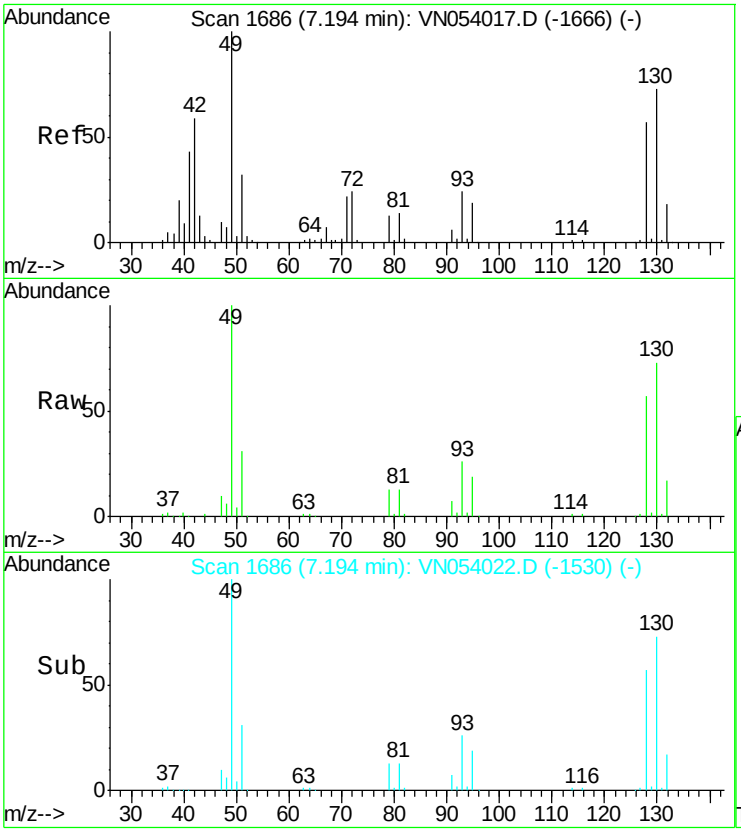


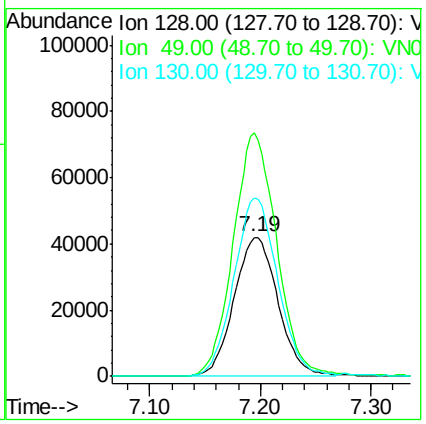


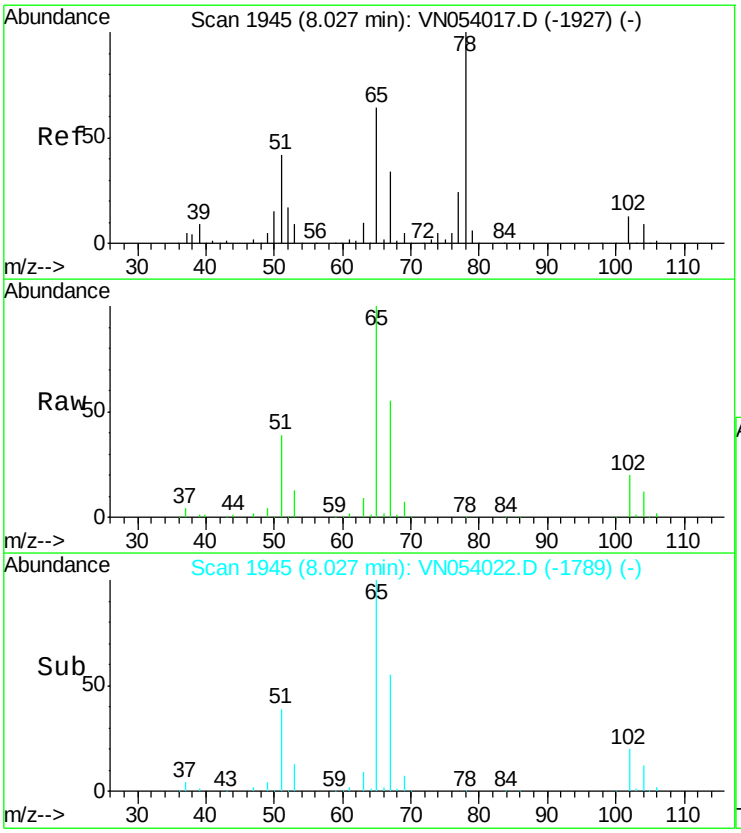
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN054022.D
Acq: 1 Mar 2019 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

Tgt Ion:128 Resp: 115910

Ion	Ratio	Lower	Upper
128	100		
49	173.3	0.0	431.8
130	128.0	0.0	317.0

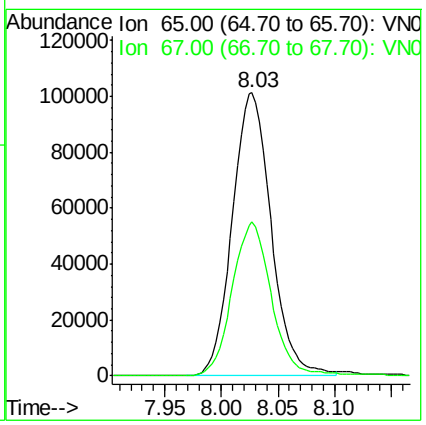


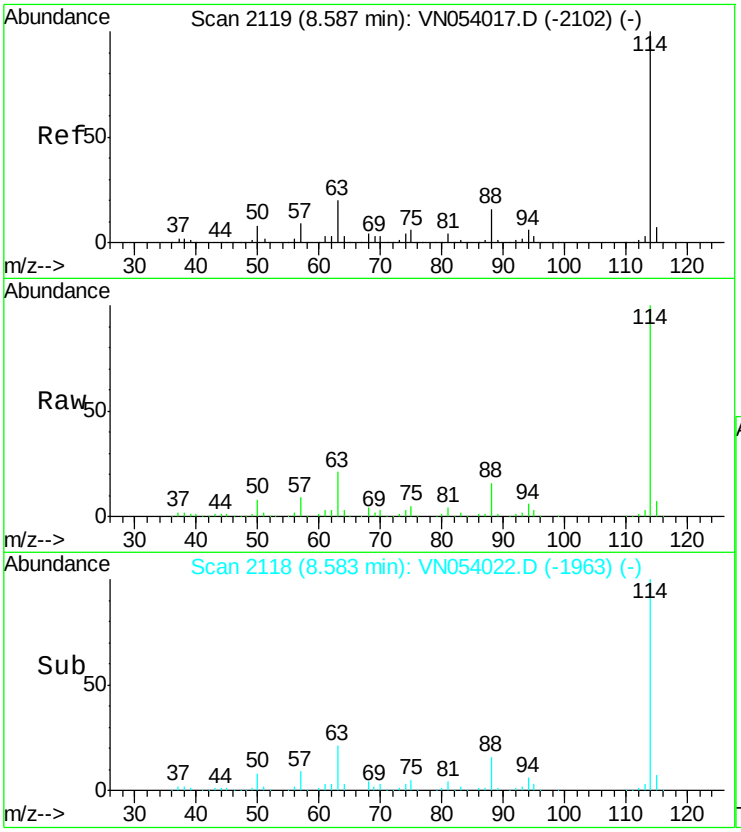


#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054022.D
Acq: 1 Mar 2019 11:57

Tgt Ion: 65 Resp: 242686

Ion	Ratio	Lower	Upper
65	100		
67	54.7	44.6	66.8



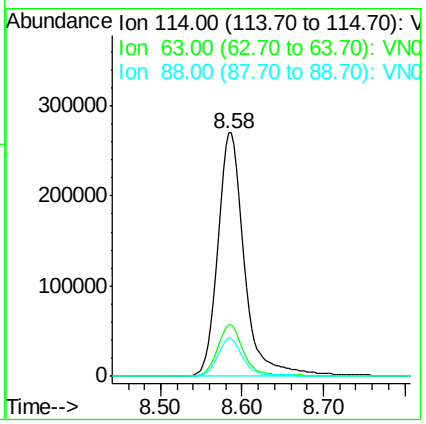


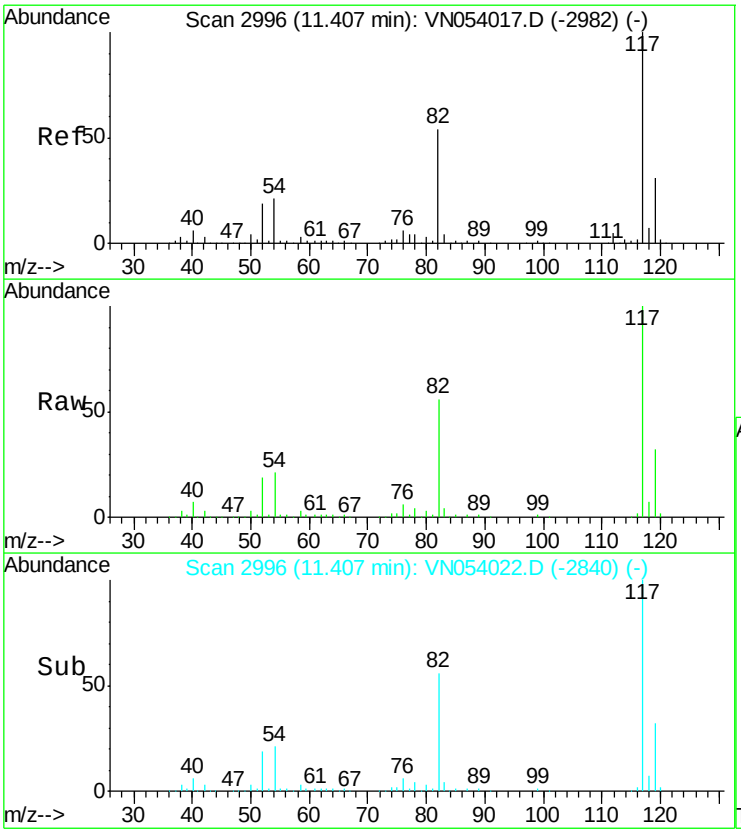
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN054022.D
Acq: 1 Mar 2019 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

Tgt Ion:114 Resp: 624157

Ion	Ratio	Lower	Upper
114	100		
63	20.9	16.9	25.3
88	14.4	12.8	19.2

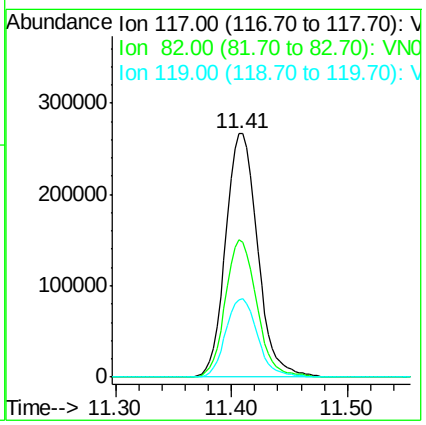


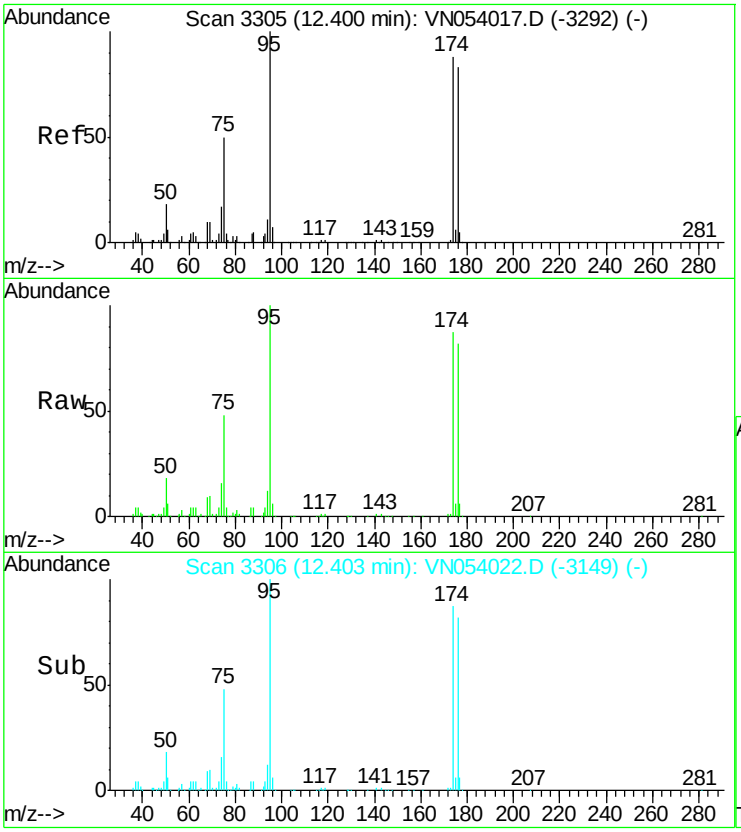


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054022.D
Acq: 1 Mar 2019 11:57

Tgt Ion:117 Resp: 510463

Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.2	66.2
119	32.1	25.4	38.2



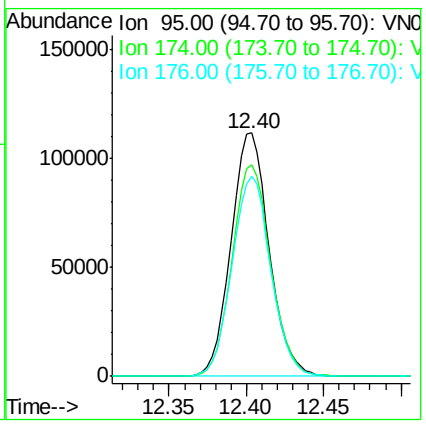


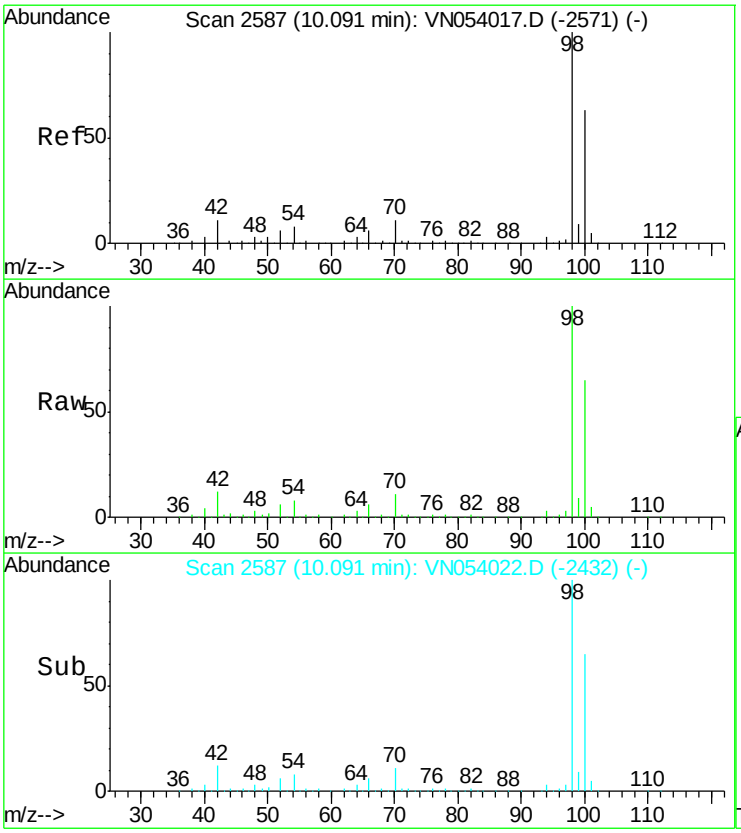
#60
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054022.D
Acq: 1 Mar 2019 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0301WBL01

Tgt Ion: 95 Resp: 191010

Ion	Ratio	Lower	Upper
95	100		
174	88.0	67.9	101.9
176	83.8	66.4	99.6





#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054022.D
Acq: 1 Mar 2019 11:57

Tgt Ion: 98 Resp: 743224

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.1	76.7