Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070919\
Data File : VN056622.D
Acq On : 9 Jul 2019 11:07
Operator : JC/SP
Sample : VN0709WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0709WBL01

Quant Time: Jul 09 13:39:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N070319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jul 03 11:05:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	65991	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	362777	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	288585	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.02	65	135886	29.87	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 99.57%			
60) 4-Bromofluorobenzene	12.40	95	112301	25.32	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 84.40%			
63) Toluene-d8	10.09	98	423320	31.57	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 105.23%			
Target Compounds						Qvalue

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

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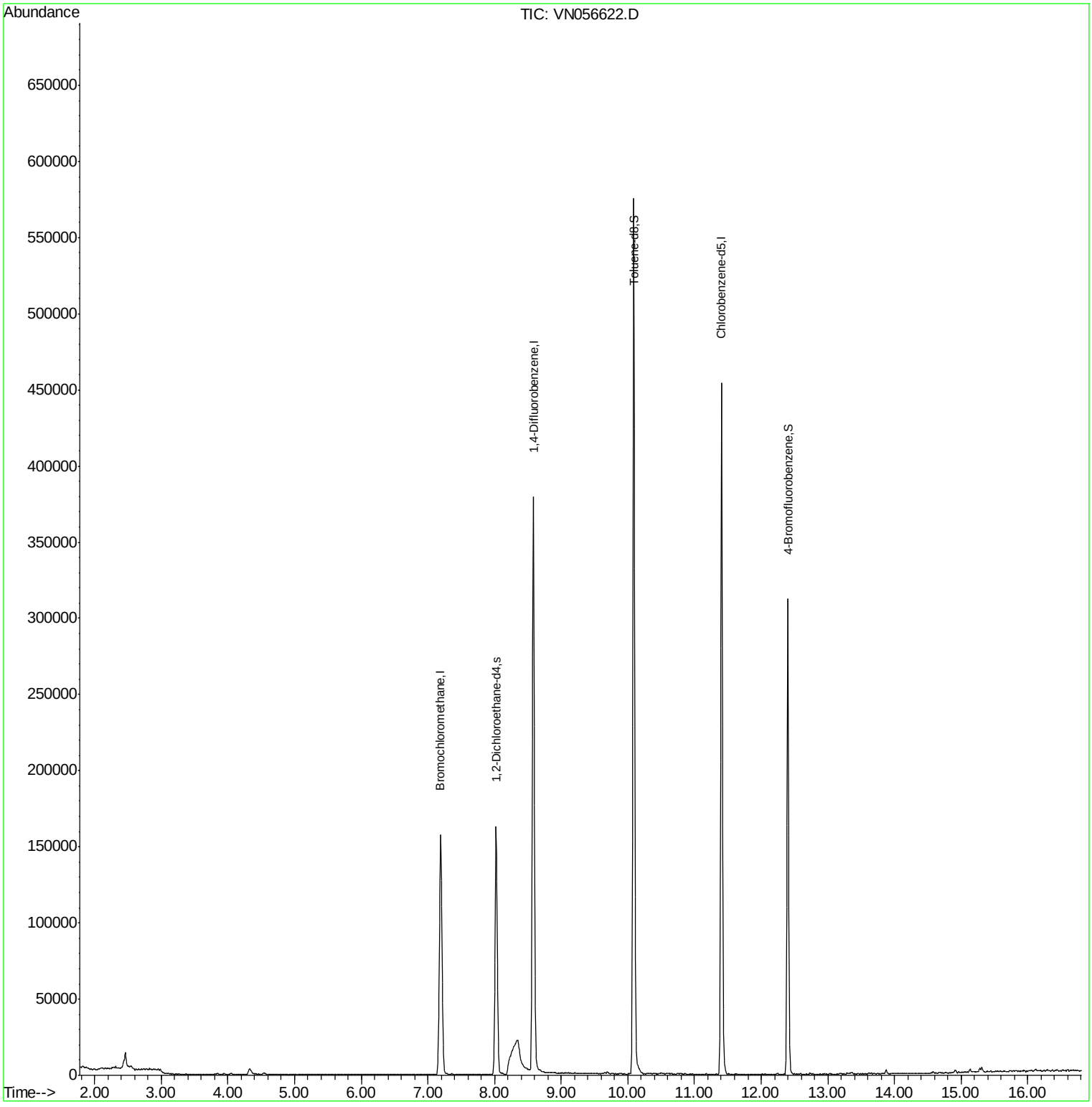
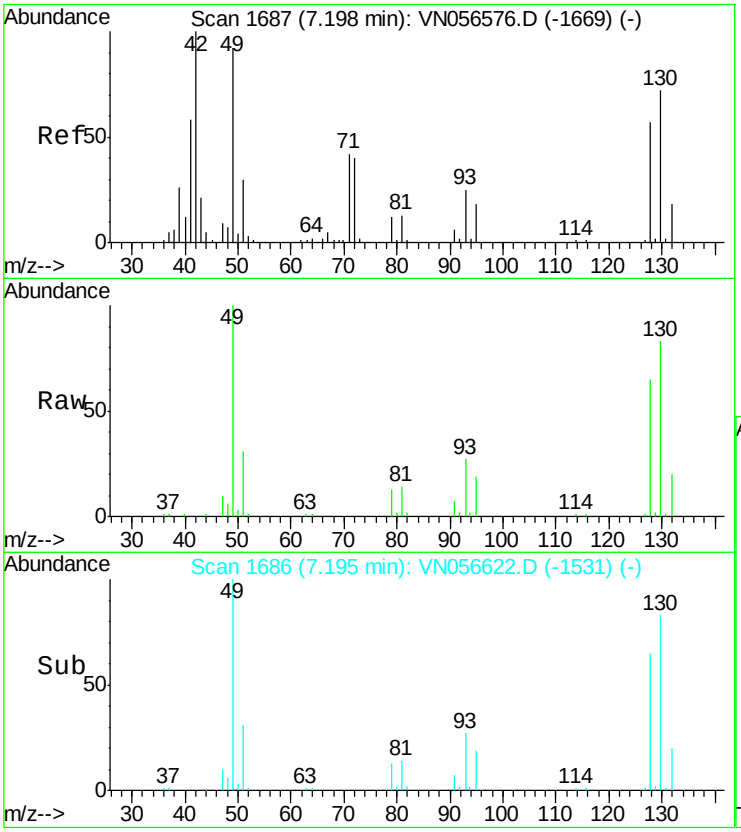


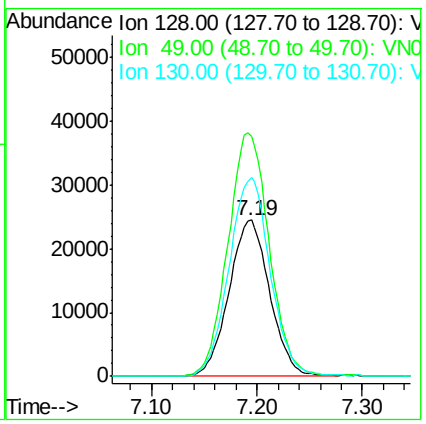


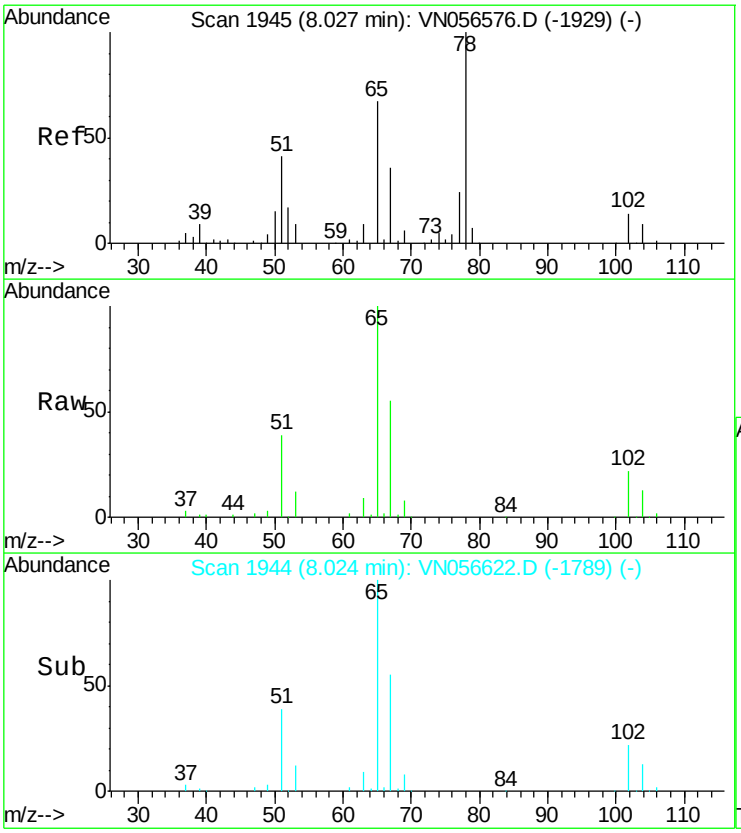
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN056622.D
Acq: 9 Jul 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

Tgt Ion:128 Resp: 65991

Ion	Ratio	Lower	Upper
128	100		
49	157.4	0.0	355.8
130	128.5	0.0	326.3

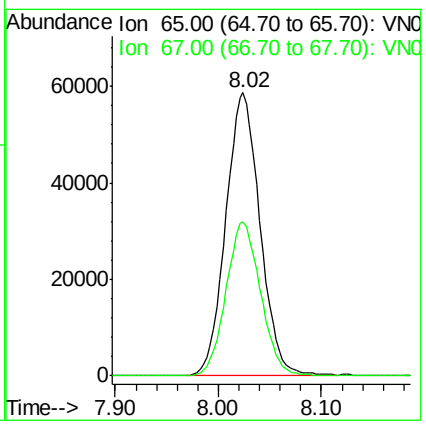


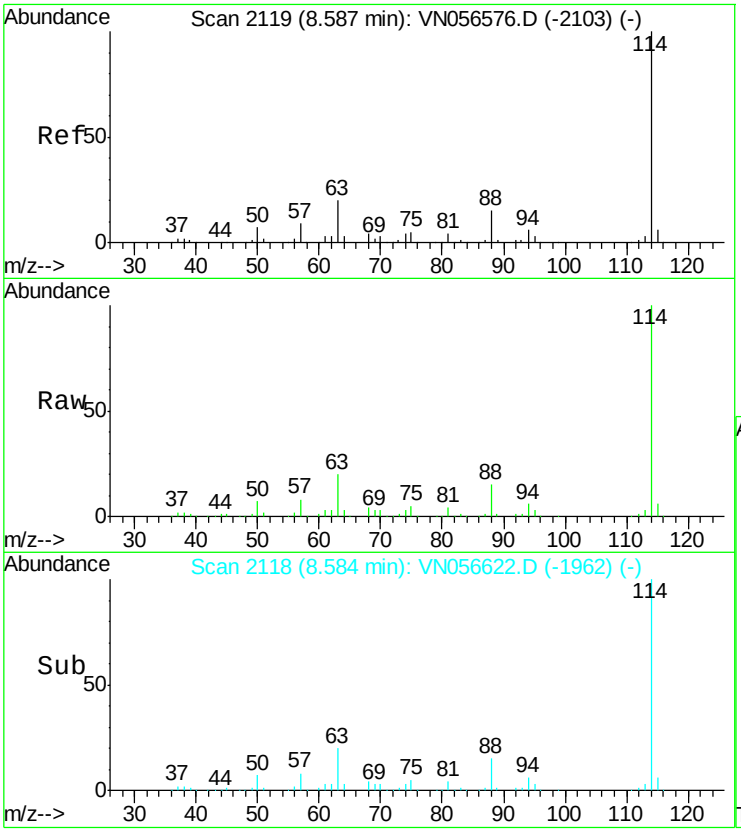


#27
1,2-Dichloroethane-d4
Concen: 29.869 ug/l
RT: 8.02 min Scan# 1944
Delta R.T. -0.00 min
Lab File: VN056622.D
Acq: 9 Jul 2019 11:07

Tgt Ion: 65 Resp: 135886

Ion	Ratio	Lower	Upper
65	100		
67	54.8	43.4	65.2



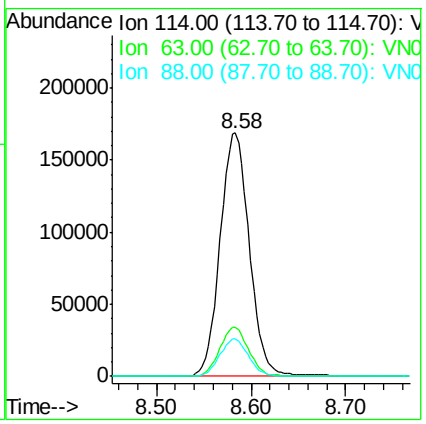


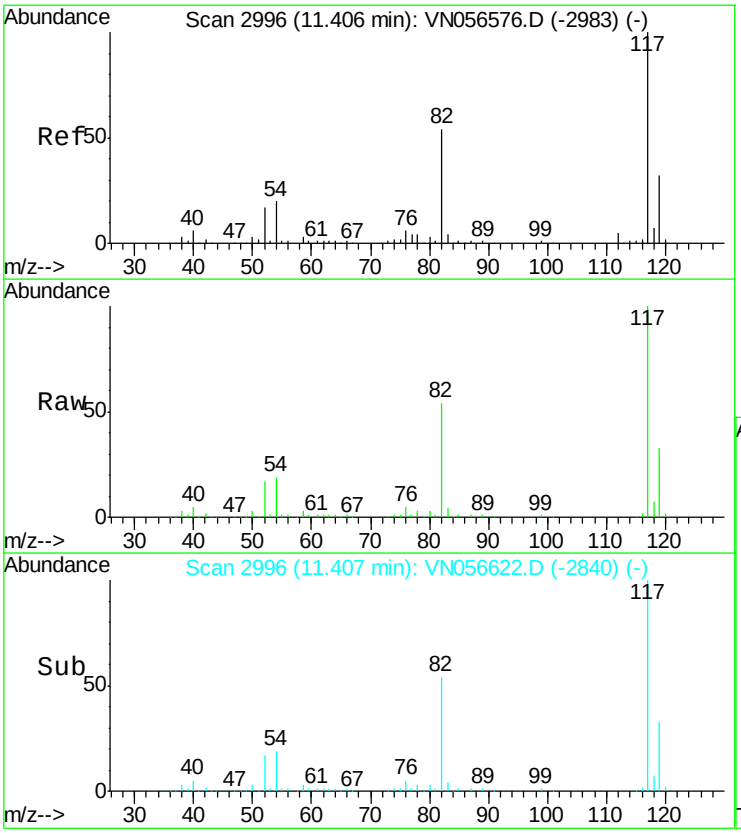
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.58 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VN056622.D
Acq: 9 Jul 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

Tgt Ion:114 Resp: 362777

Ion	Ratio	Lower	Upper
114	100		
63	20.0	14.7	22.1
88	15.2	11.9	17.9

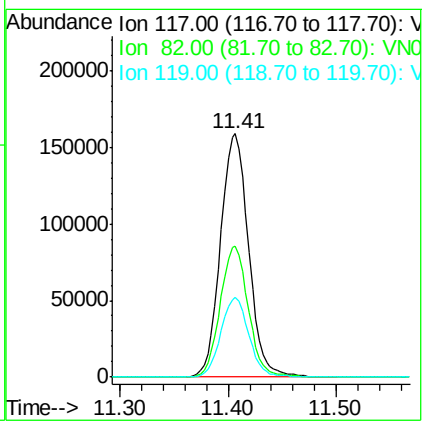


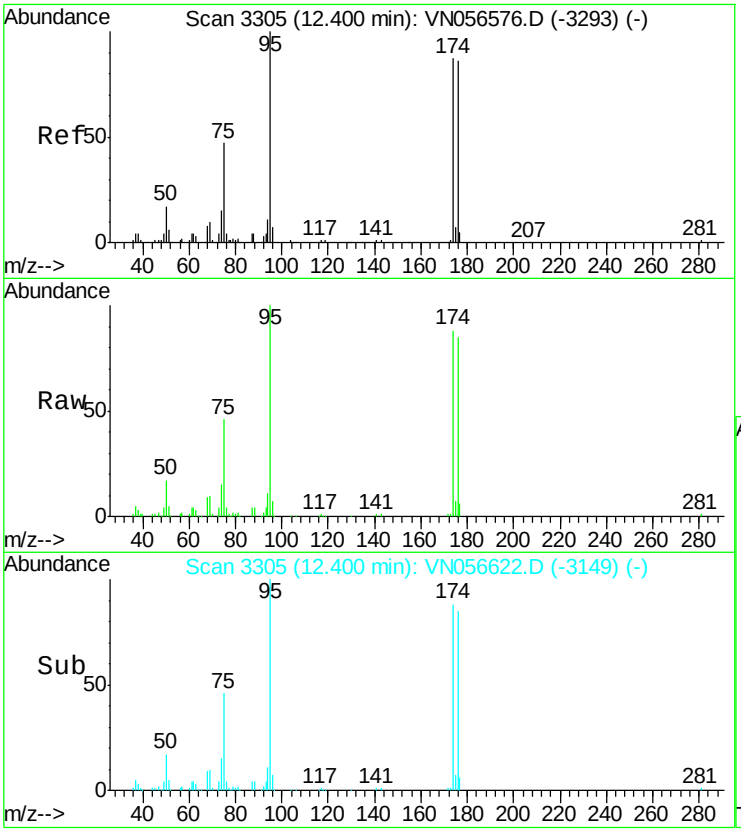


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056622.D
Acq: 9 Jul 2019 11:07

Tgt Ion:117 Resp: 288585

Ion	Ratio	Lower	Upper
117	100		
82	53.8	41.2	61.8
119	32.6	26.2	39.2



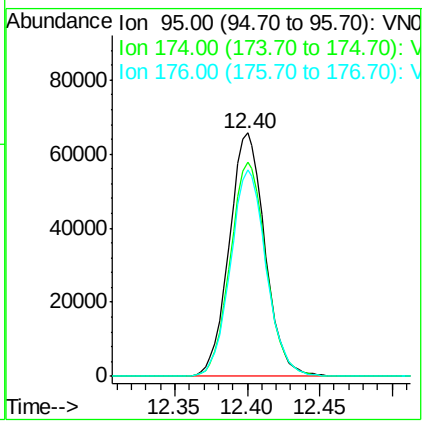


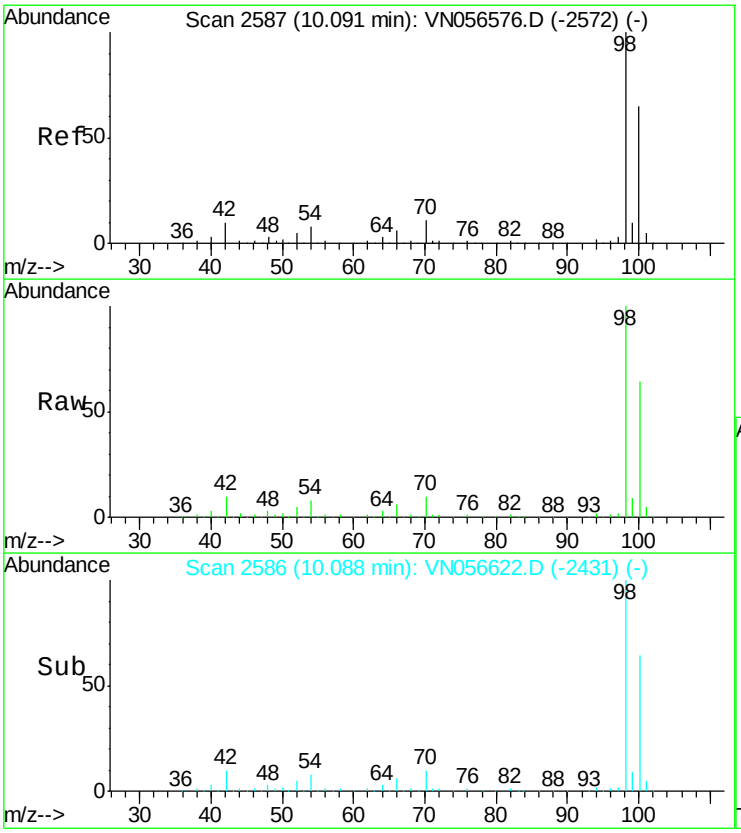
#60
4-Bromofluorobenzene
Concen: 25.324 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056622.D
Acq: 9 Jul 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0709WBL01

Tgt Ion: 95 Resp: 112301

Ion	Ratio	Lower	Upper
95	100		
174	88.2	75.4	113.0
176	85.0	73.9	110.9





#63
Toluene-d8
Concen: 31.567 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056622.D
Acq: 9 Jul 2019 11:07

Tgt Ion: 98 Resp: 423320

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.4