Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN070319\
Data File : VN056581.D
Acq On : 3 Jul 2019 11:52
Operator : JC/SP
Sample : VN0703WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0703WBL01

Quant Time: Jul 03 12:14:52 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	49452	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	278177	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	225601	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	106425	31.22	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery = 104.07%			
60) 4-Bromofluorobenzene	12.40	95	87735	25.31	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery = 84.37%			
63) Toluene-d8	10.09	98	325273	31.03	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery = 103.43%			

Target Compounds	Qvalue

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

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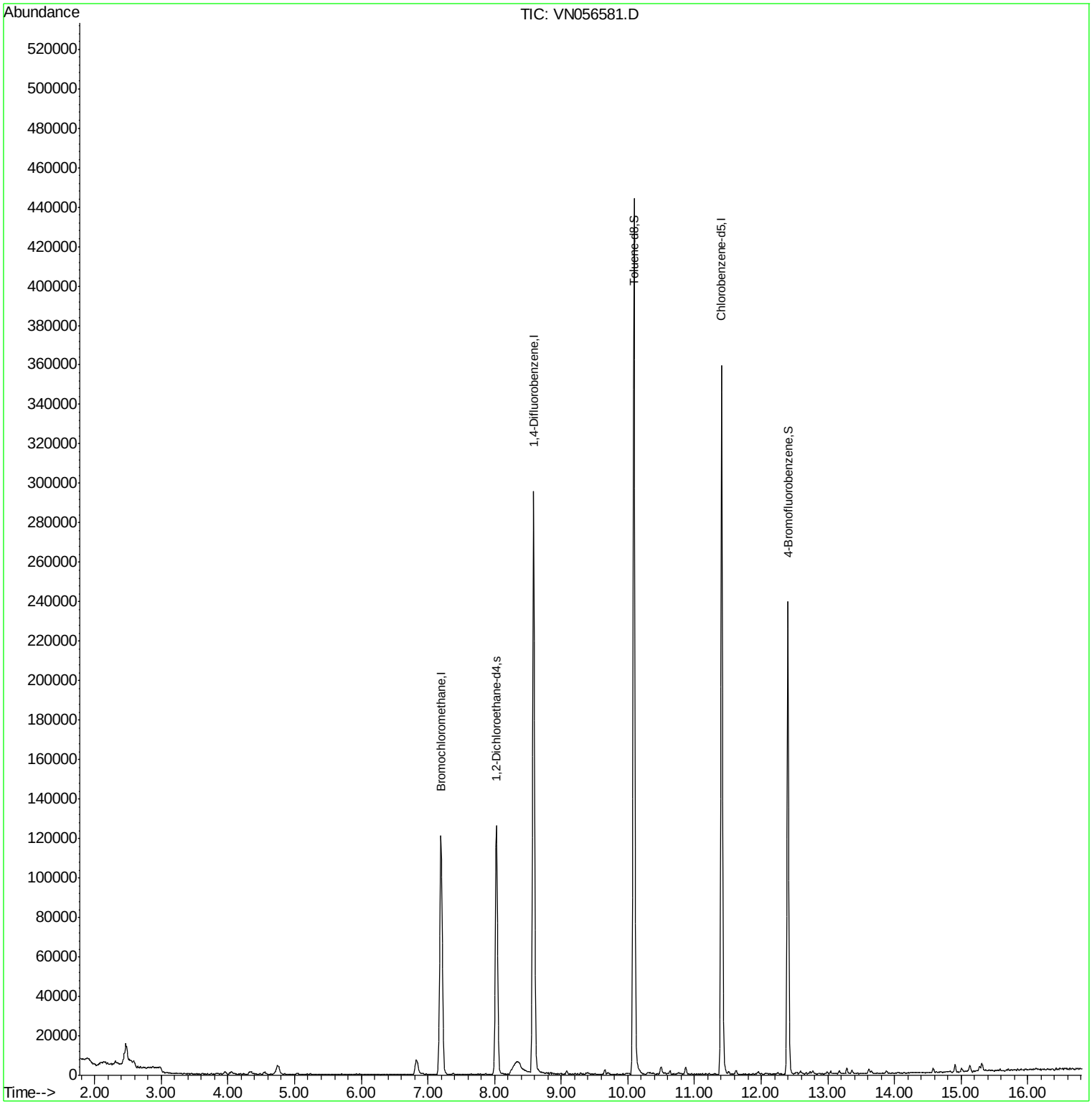
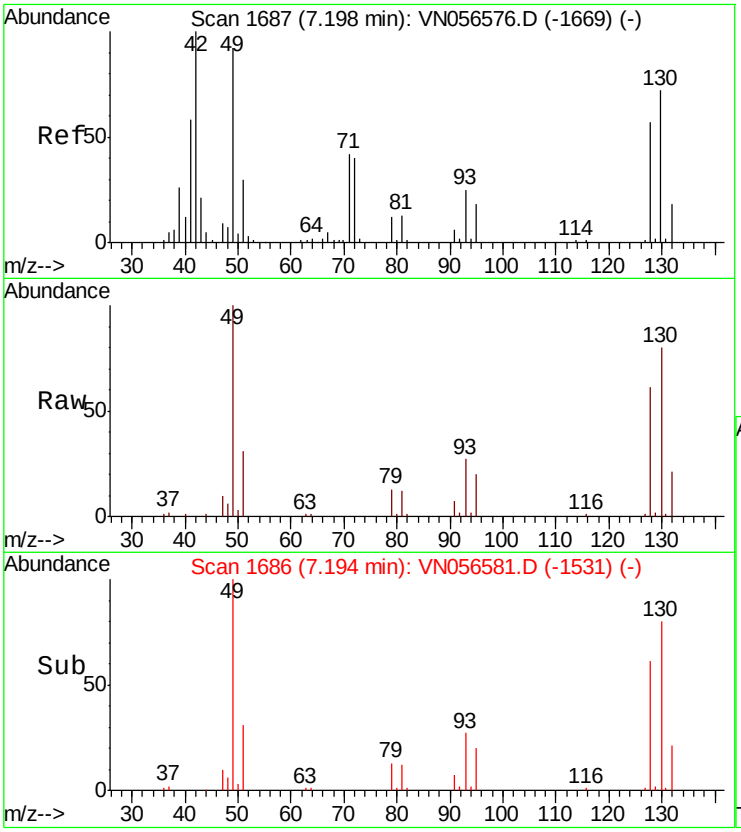


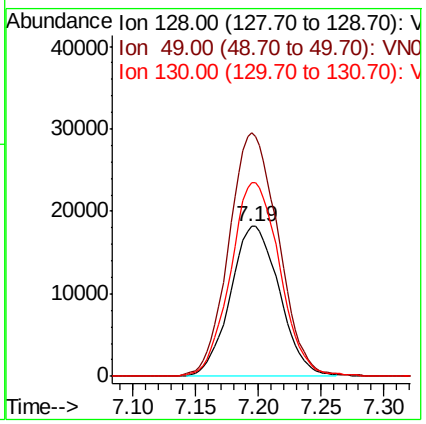


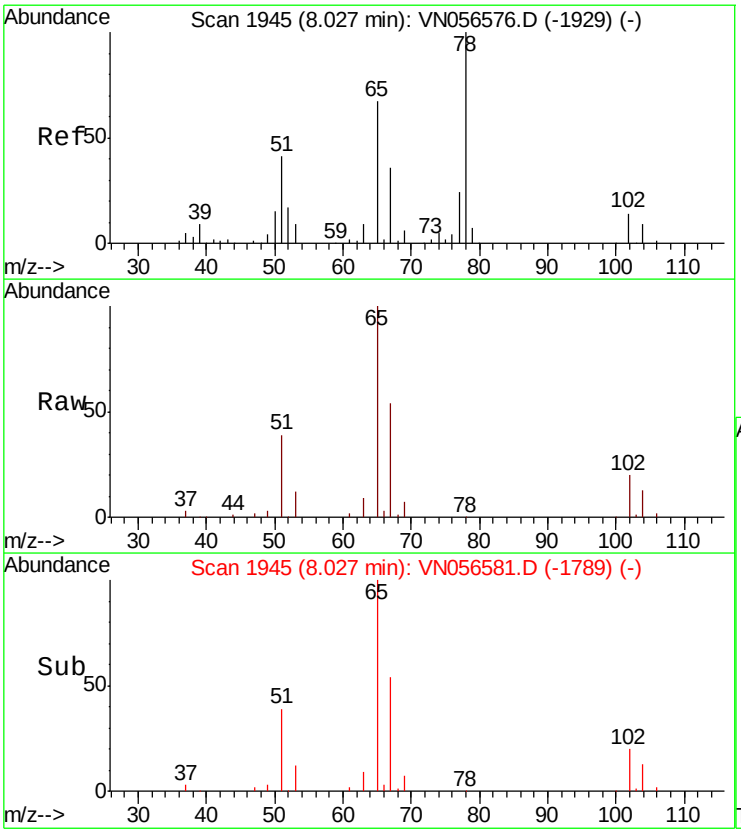
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.19 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBL01

Tgt Ion:128 Resp: 49452

Ion	Ratio	Lower	Upper
128	100		
49	163.5	0.0	355.8
130	129.5	0.0	326.3

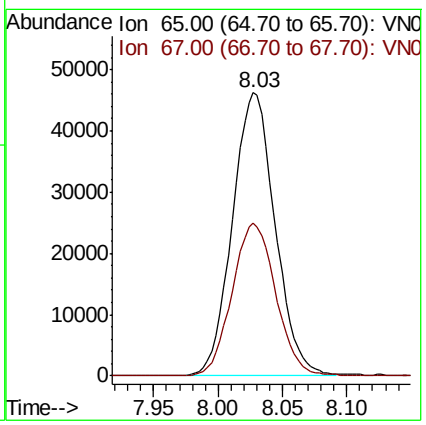


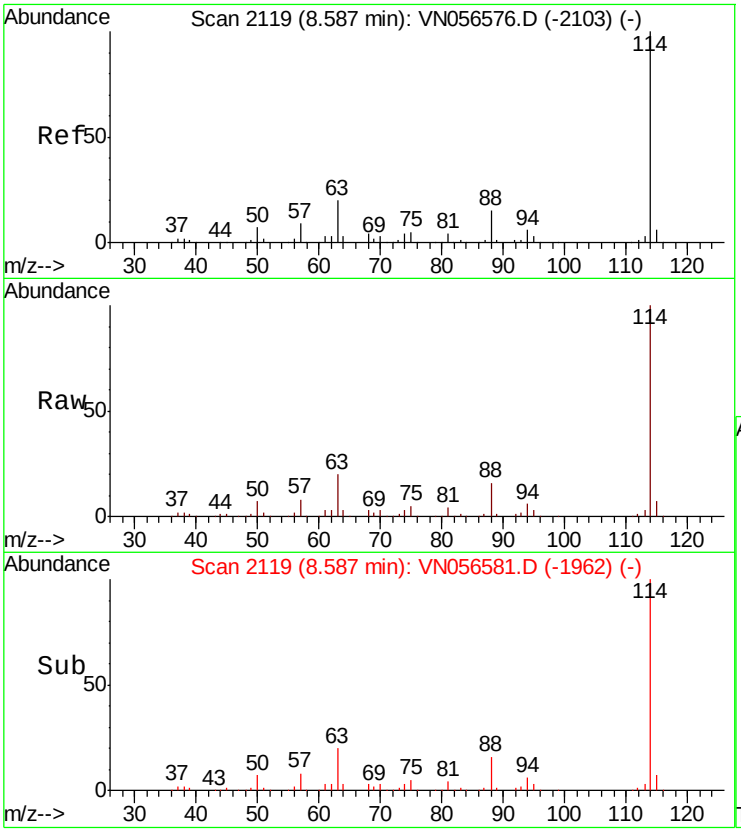


#27
1,2-Dichloroethane-d4
Concen: 31.217 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion: 65 Resp: 106425

Ion	Ratio	Lower	Upper
65	100		
67	55.2	43.4	65.2



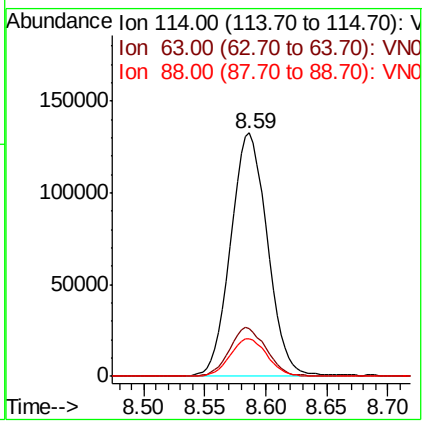


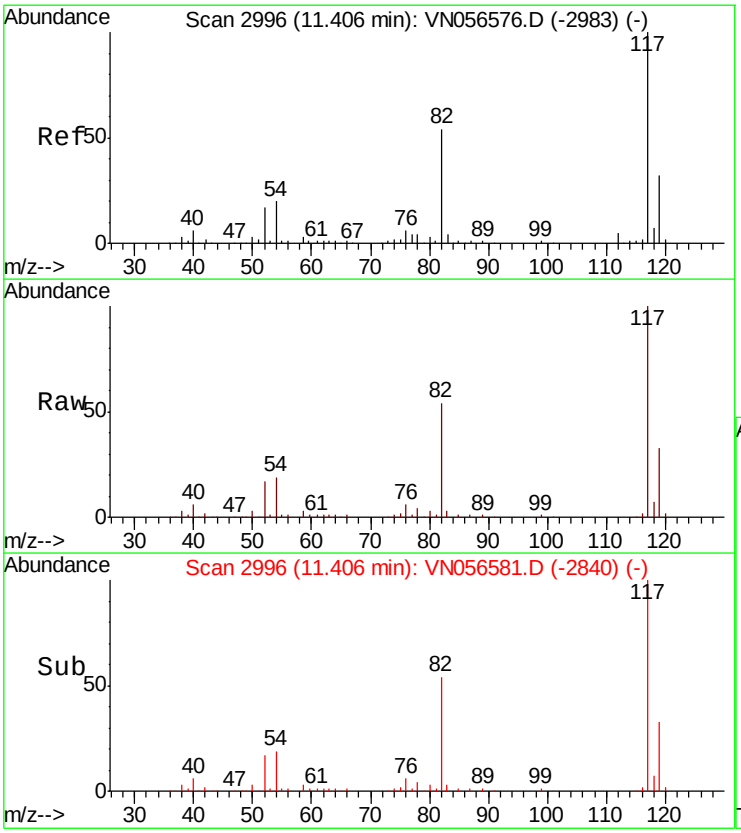
#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBL01

Tgt Ion:114 Resp: 278177

Ion	Ratio	Lower	Upper
114	100		
63	20.0	14.7	22.1
88	15.6	11.9	17.9

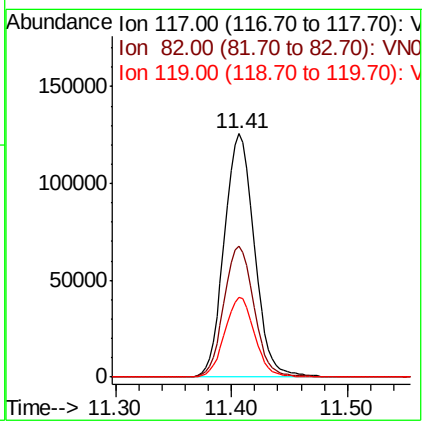


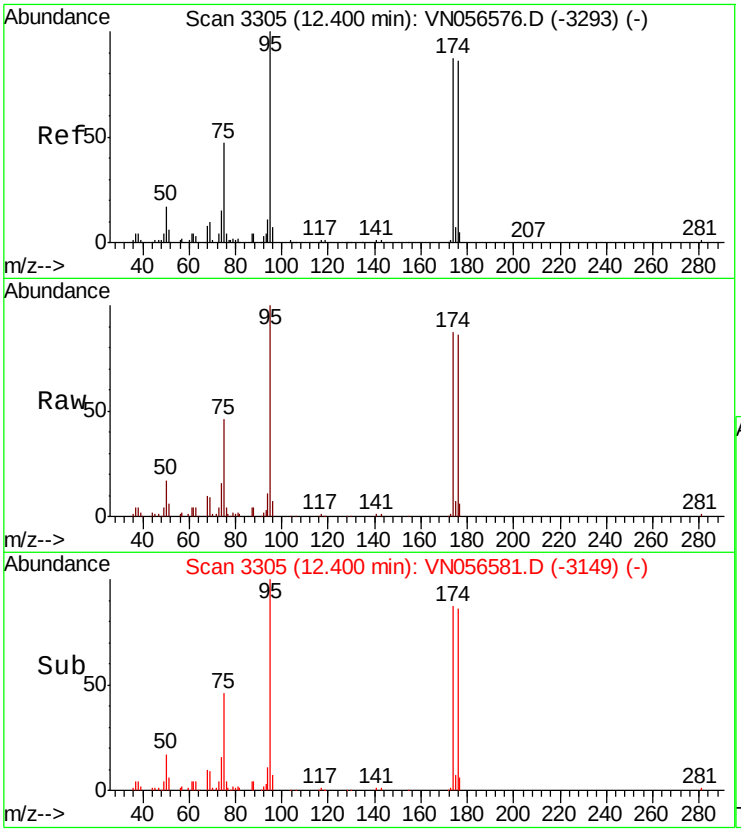


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion:117 Resp: 225601

Ion	Ratio	Lower	Upper
117	100		
82	54.0	41.2	61.8
119	32.4	26.2	39.2



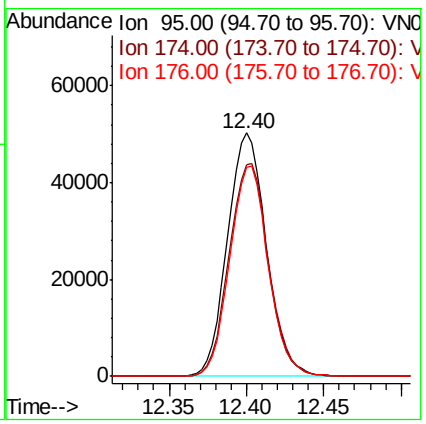


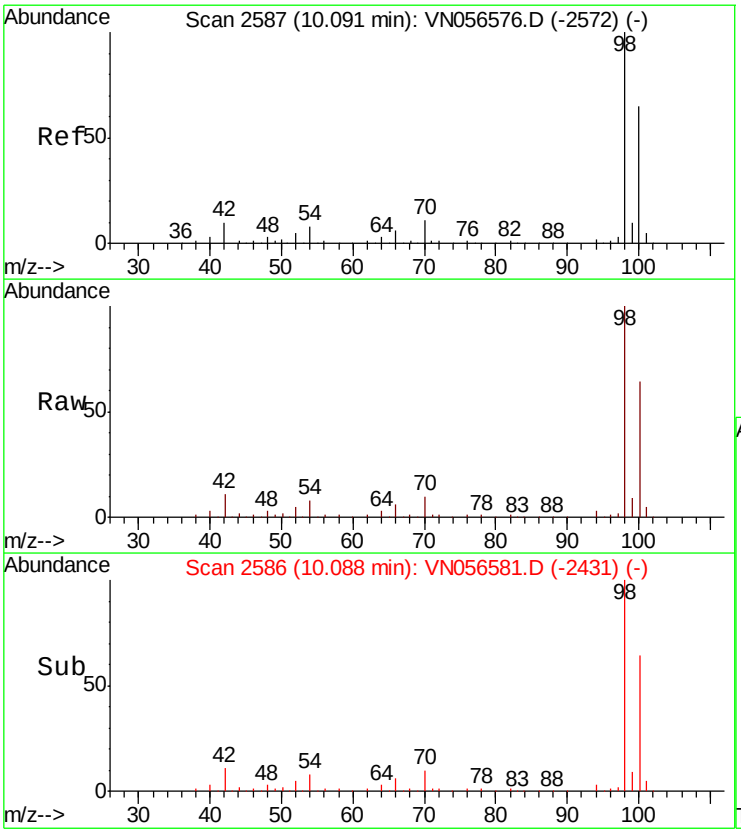
#60
4-Bromofluorobenzene
Concen: 25.308 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
VN0703WBL01

Tgt Ion: 95 Resp: 87735

Ion	Ratio	Lower	Upper
95	100		
174	88.9	75.4	113.0
176	85.5	73.9	110.9





#63
Toluene-d8
Concen: 31.027 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056581.D
Acq: 3 Jul 2019 11:52

Tgt Ion: 98 Resp: 325273

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4