

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055134.D
 Acq On : 19 Apr 2019 11:49
 Operator : JC/SP
 Sample : K2479-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB

Quant Time: Apr 22 10:00:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	70194	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	358450	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	292605	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	166326	31.09	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.63%
60) 4-Bromofluorobenzene	12.40	95	100820	22.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	73.77%
63) Toluene-d8	10.09	98	439441	31.59	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.30%

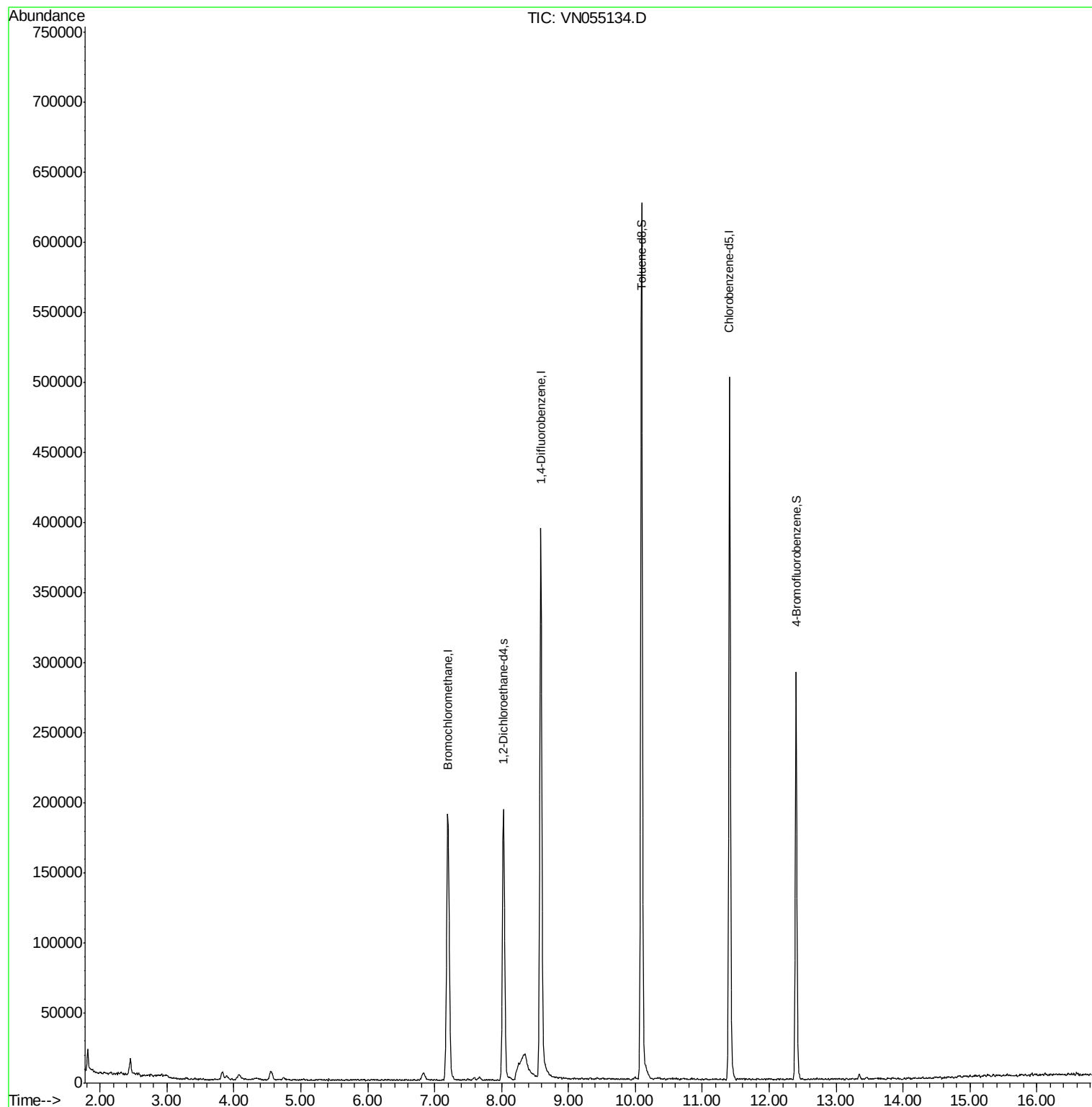
Target Compounds	Ovalue

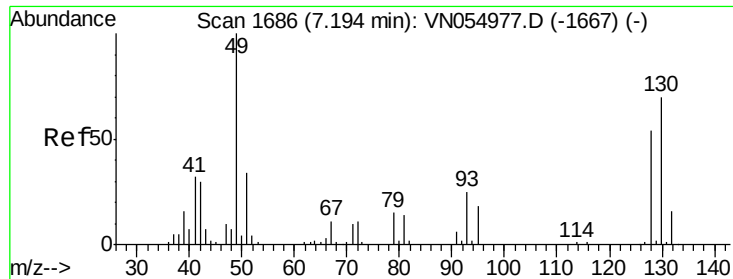
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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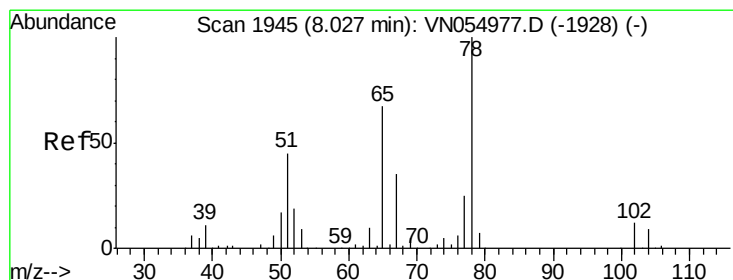
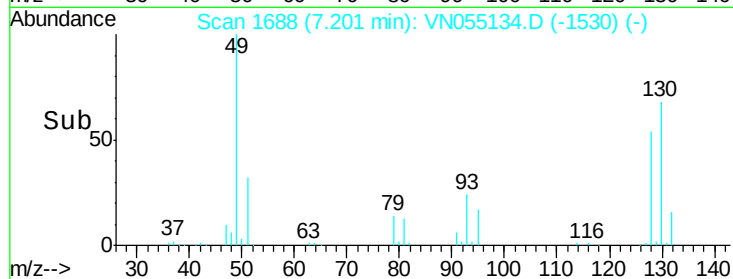
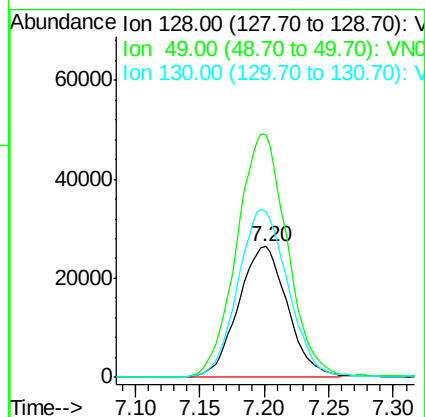
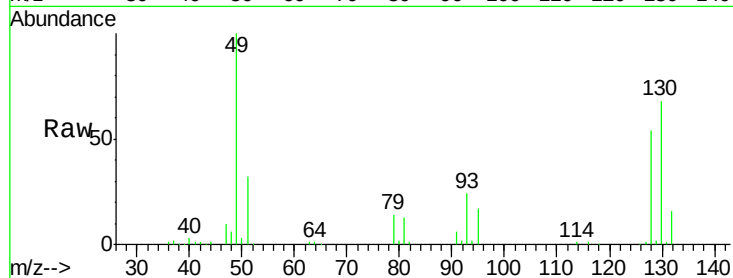




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1688
Delta R.T. 0.01 min
Lab File: VN055134.D
Acq: 19 Apr 2019 11:49

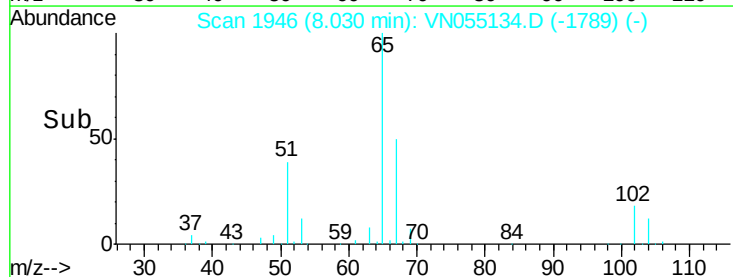
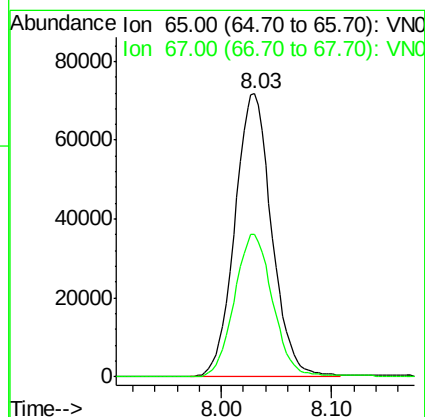
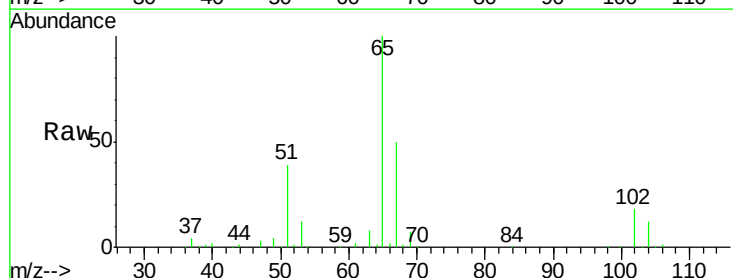
Instrument :
MSVOA_N
ClientSampleId :
FB

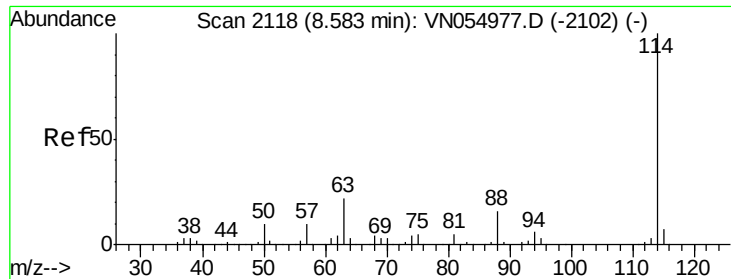
Tot Ion:128 Resp: 70194
Ion Ratio Lower Upper
128 100
49 190.4 0.0 480.3
130 130.9 0.0 322.2



#27
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN055134.D
Acq: 19 Apr 2019 11:49

Tgt Ion: 65 Resp: 166326
Ion Ratio Lower Upper
65 100
67 52.0 41.8 62.8

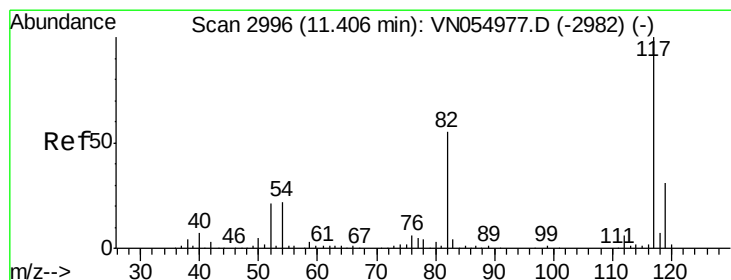
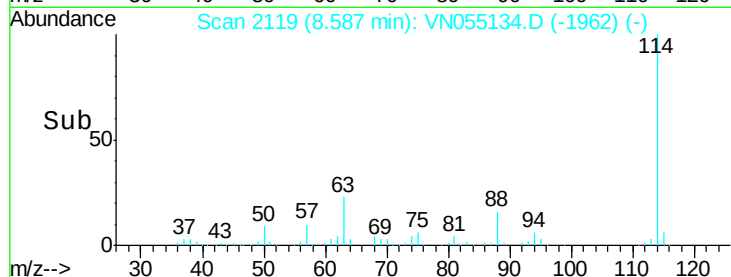
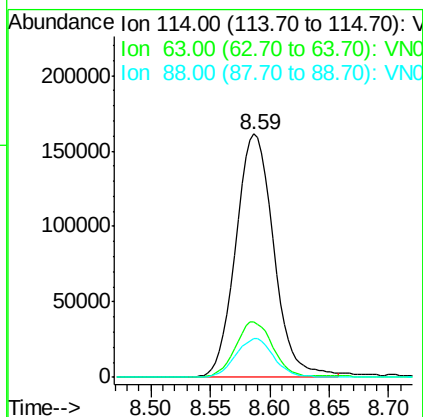
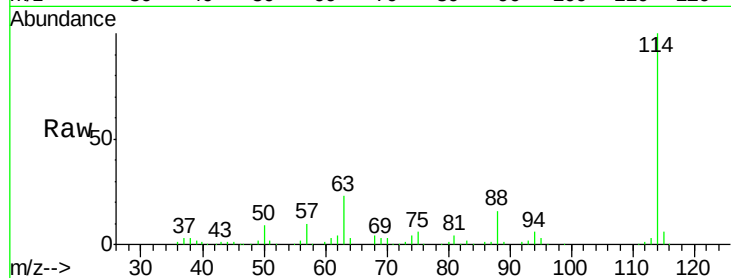




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055134.D
 Acq: 19 Apr 2019 11:49

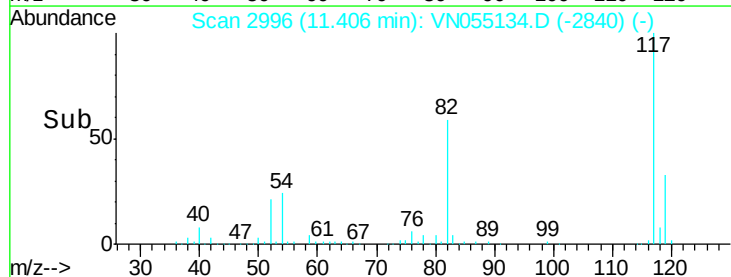
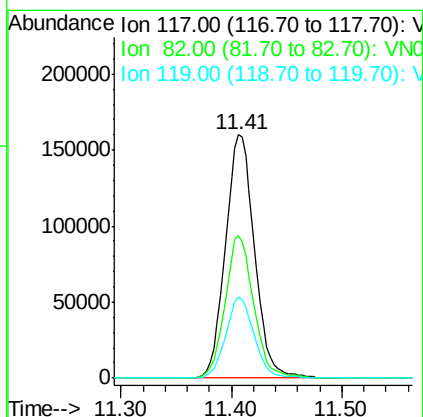
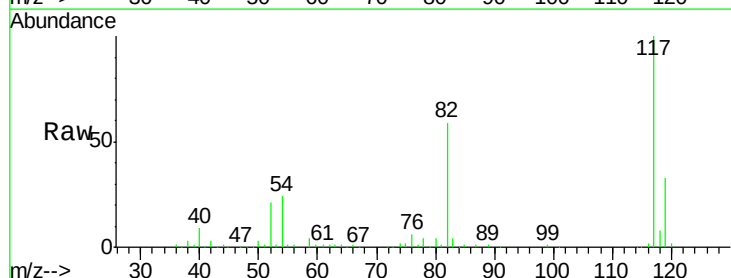
Instrument :
 MSVOA_N
 ClientSampleId :
 FB

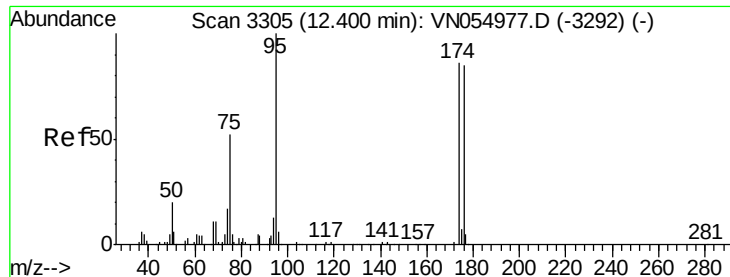
Tot Ion:114 Resp: 358450
 Ion Ratio Lower Upper
 114 100
 63 22.5 17.0 25.4
 88 16.0 12.3 18.5



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN055134.D
 Acq: 19 Apr 2019 11:49

Tgt Ion:117 Resp: 292605
 Ion Ratio Lower Upper
 117 100
 82 57.3 45.2 67.8
 119 32.5 25.4 38.2

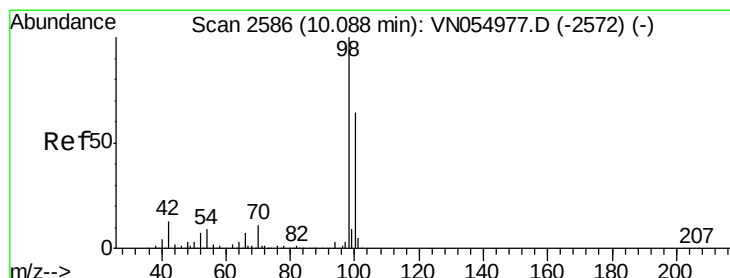
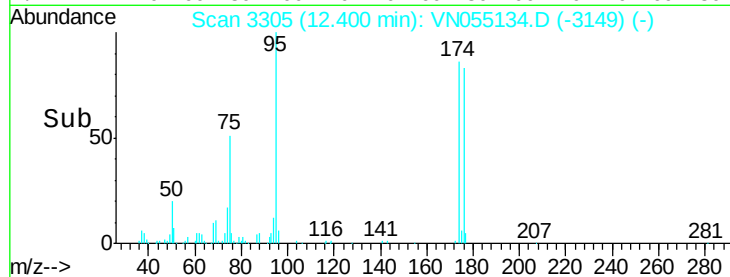
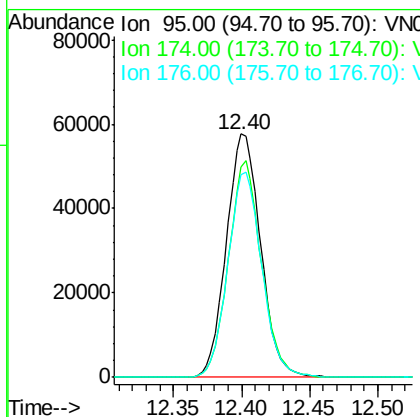
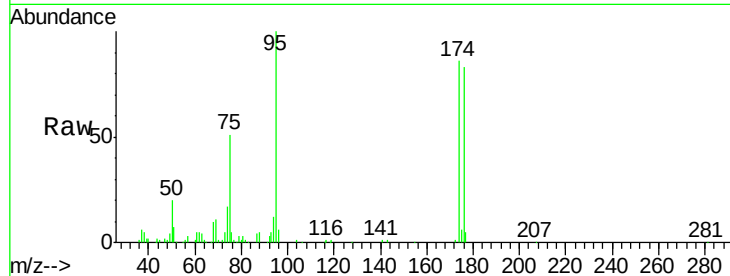




#60
 4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055134.D
 Acq: 19 Apr 2019 11:49

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Tot Ion	95	Resp	100820
Ion Ratio	Lower	Upper	
95	100		
174	85.5	69.4	104.2
176	83.3	67.4	101.2



#63
 Toluene-d8
 Concen: Below ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN055134.D
 Acq: 19 Apr 2019 11:49

Tgt Ion	98	Resp	439441
Ion Ratio	Lower	Upper	
98	100		
100	64.3	51.1	76.7

