

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055135.D
 Acq On : 19 Apr 2019 12:15
 Operator : JC/SP
 Sample : K2471-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-9

Quant Time: Apr 22 10:00:34 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	75050	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	374551	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	305250	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	170429	29.79	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.30%
60) 4-Bromofluorobenzene	12.40	95	106375	22.38	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	74.60%
63) Toluene-d8	10.09	98	456543	31.46	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.87%

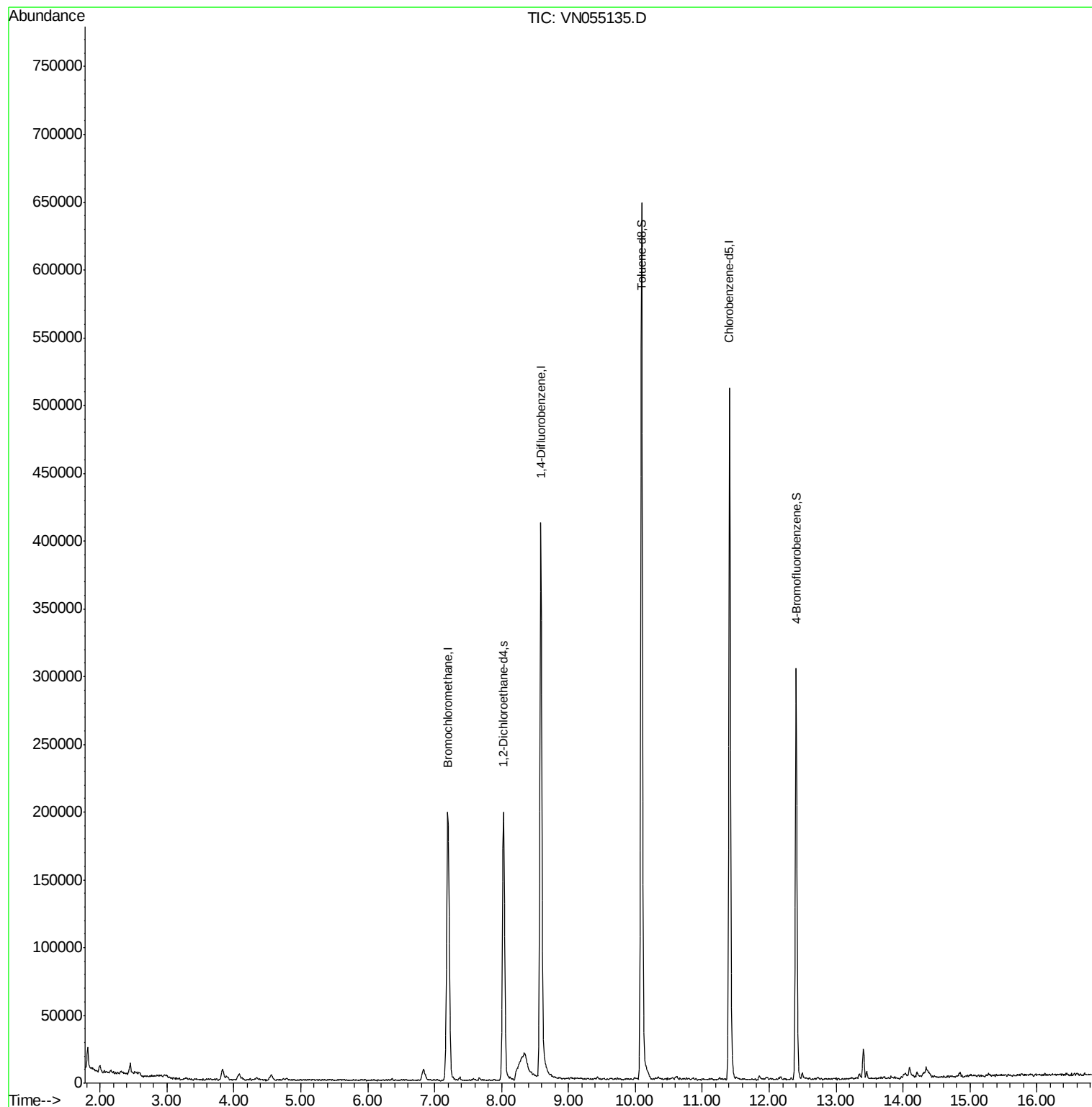
Target Compounds	Ovalue

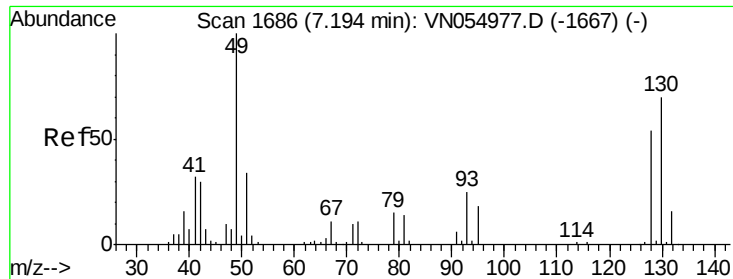
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 12 07:55:25 2019
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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: VN055135.D

Acq: 19 Apr 2019 12:15

Instrument :
MSVOA_N
ClientSampled :
55-ST-9

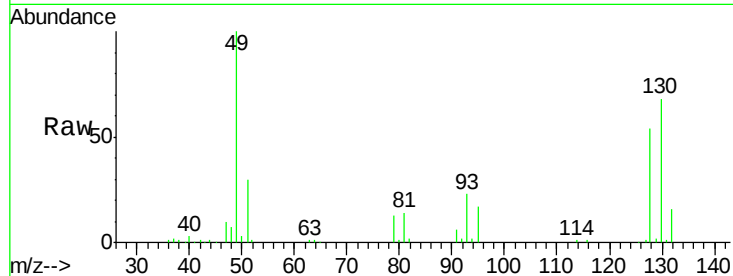
Tot Ion:128 Resp: 75050

Ion Ratio Lower Upper

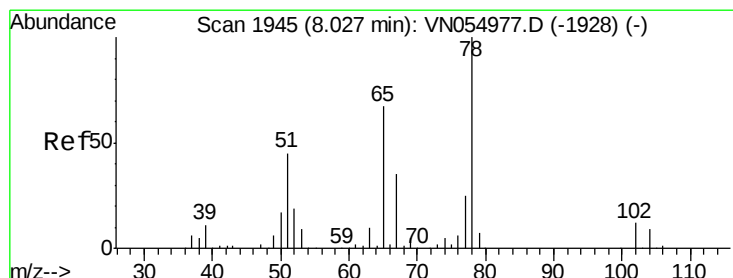
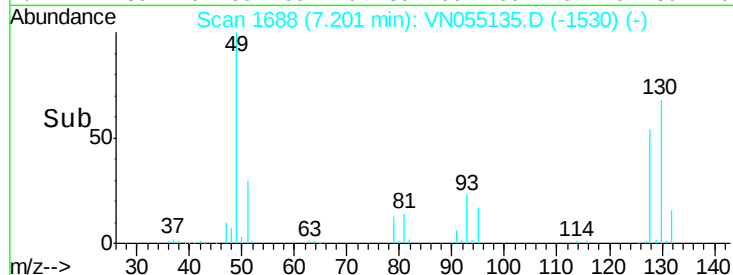
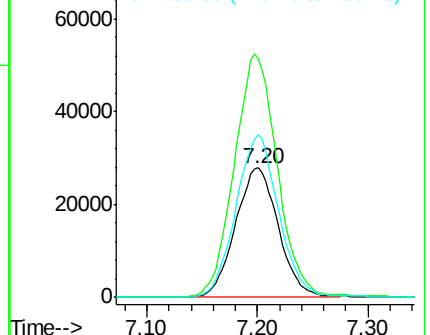
128 100

49 187.7 0.0 480.3

130 124.6 0.0 322.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): V
Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055135.D

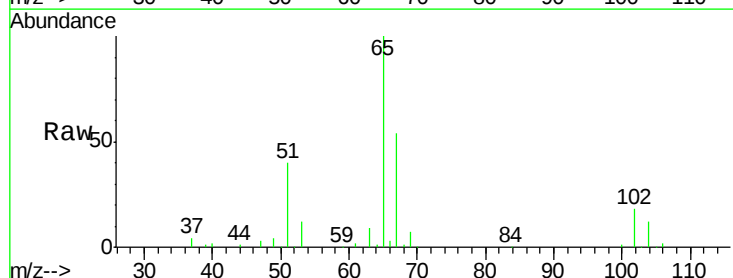
Acq: 19 Apr 2019 12:15

Tgt Ion: 65 Resp: 170429

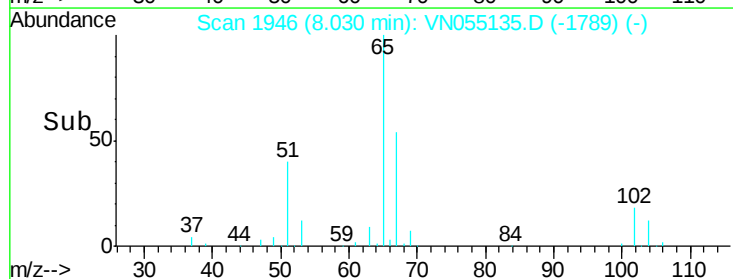
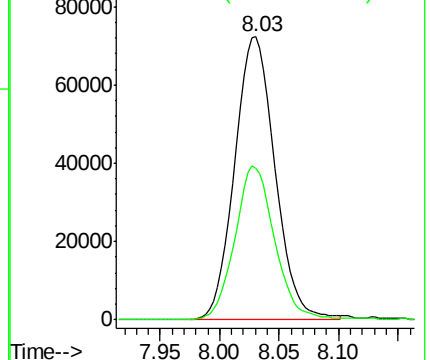
Ion Ratio Lower Upper

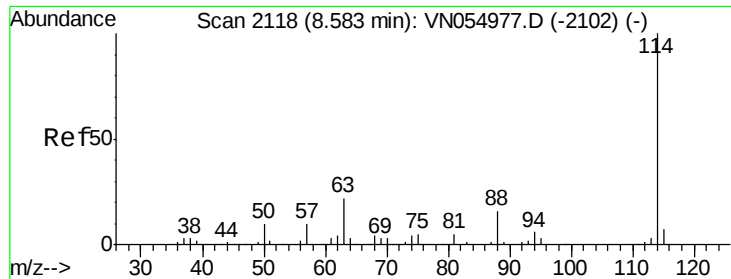
65 100

67 53.5 41.8 62.8



Abundance Ion 65.00 (64.70 to 65.70): V
Ion 67.00 (66.70 to 67.70): V

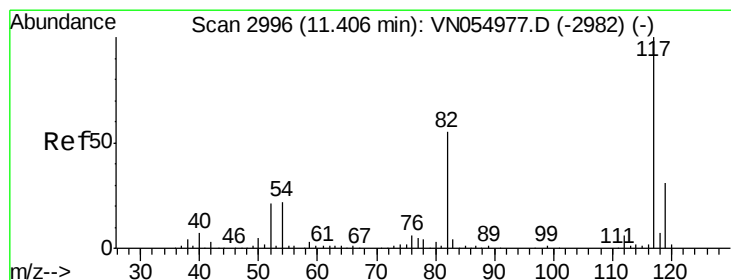
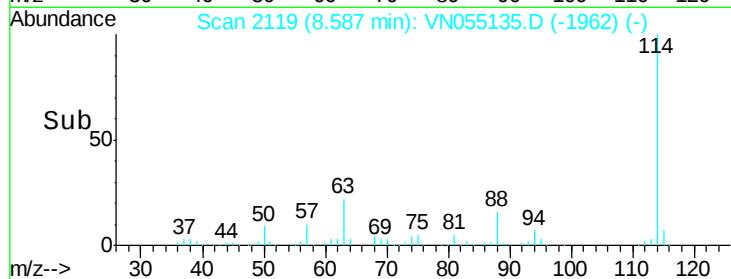
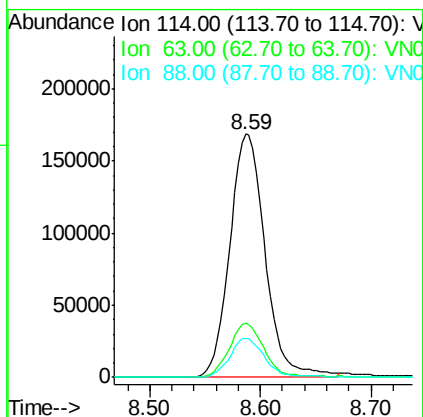
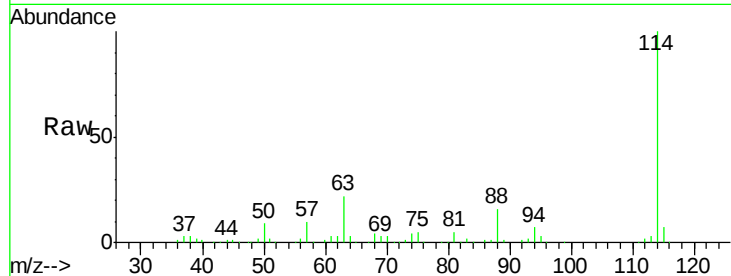




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055135.D
 Acq: 19 Apr 2019 12:15

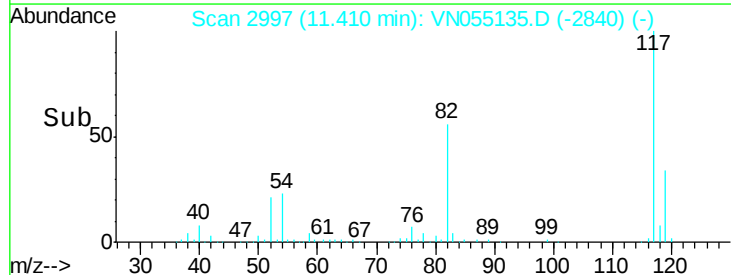
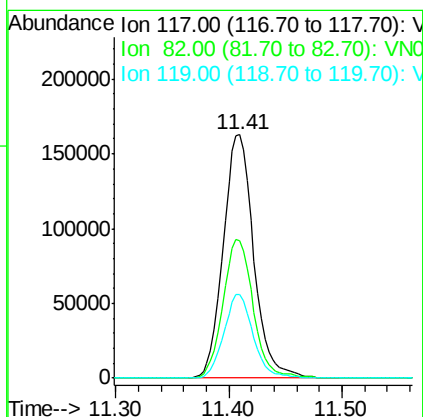
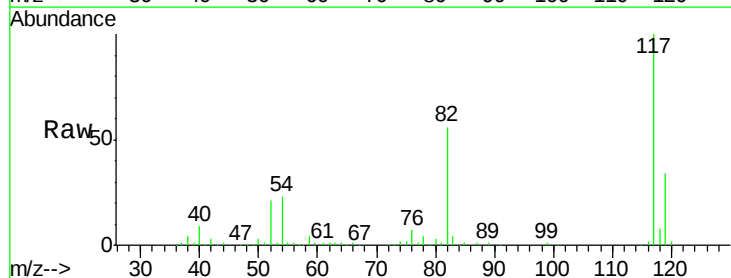
Instrument :
 MSVOA_N
 ClientSampleId :
 55-ST-9

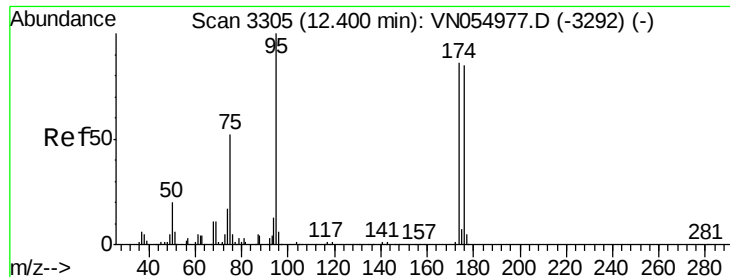
Tot Ion:114 Resp: 374551
 Ion Ratio Lower Upper
 114 100
 63 22.1 17.0 25.4
 88 15.4 12.3 18.5



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN055135.D
 Acq: 19 Apr 2019 12:15

Tgt Ion:117 Resp: 305250
 Ion Ratio Lower Upper
 117 100
 82 56.5 45.2 67.8
 119 33.1 25.4 38.2

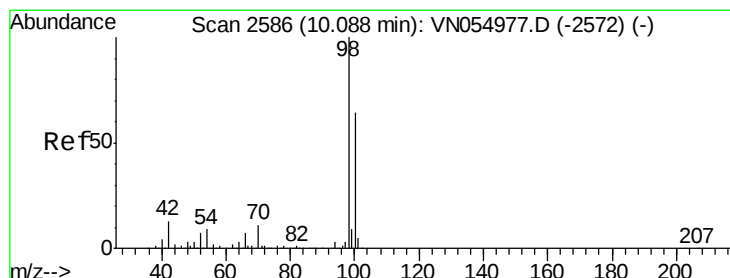
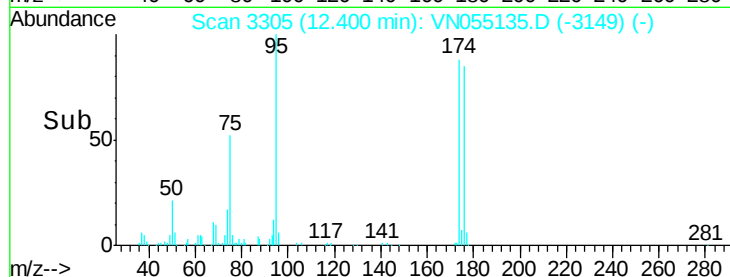
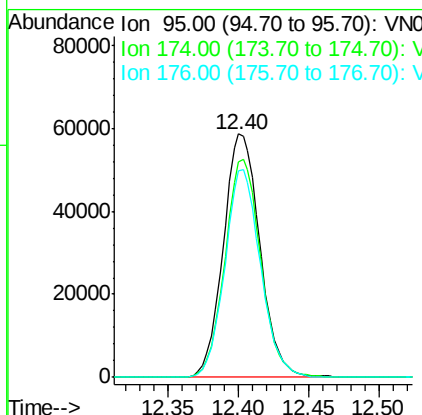
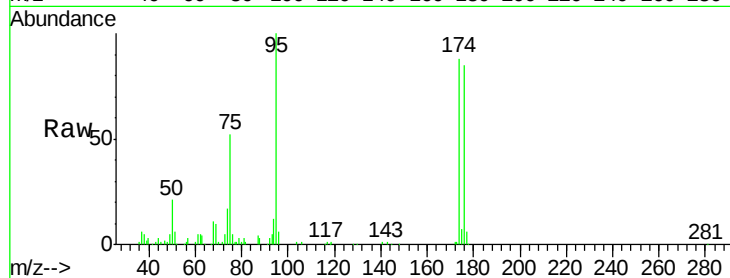




#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055135.D
Acq: 19 Apr 2019 12:15

Instrument :
MSVOA_N
ClientSampleId :
55-ST-9

Tot Ion	95	Resp	106375
Ion Ratio	Lower	Upper	
95	100		
174	87.9	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: VN055135.D
Acq: 19 Apr 2019 12:15

Tgt Ion	98	Resp	456543
Ion Ratio	Lower	Upper	
98	100		
100	63.3	51.1	76.7

