

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051313.D
 Acq On : 19 Sep 2018 12:47
 Operator : MD\SY
 Sample : J4907-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-09-13-18

Quant Time: Sep 19 16:03:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	83349	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	422233	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	336663	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	153332	28.83	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.10%
60) 4-Bromofluorobenzene	12.40	95	94265	18.83	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	62.77%
63) Toluene-d8	10.09	98	480300	30.59	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.97%

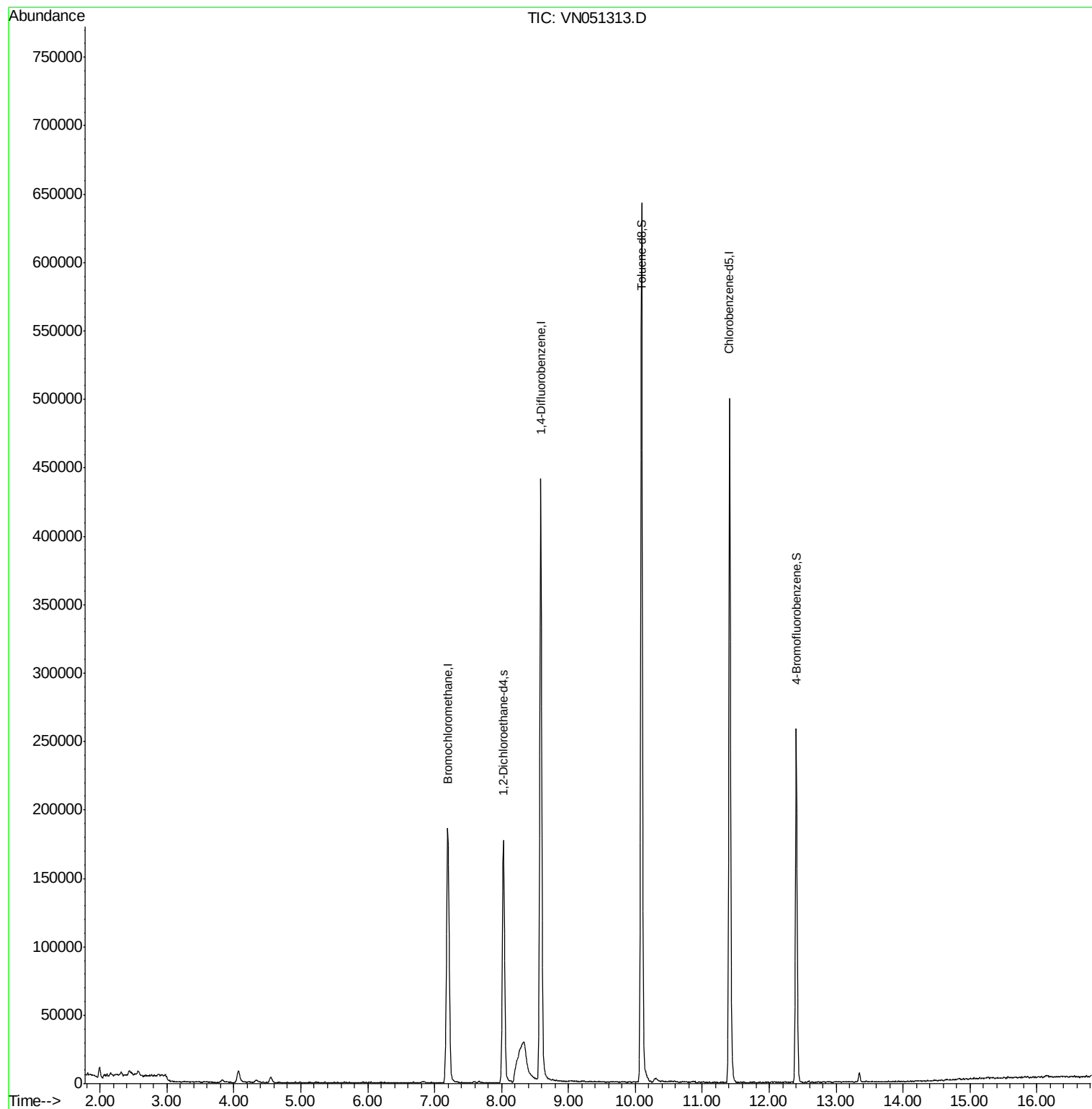
Target Compounds	Ovalue

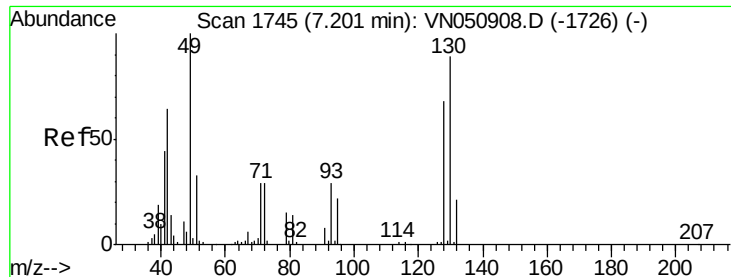
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051313.D

Acq: 19 Sep 2018 12:47

Instrument :

MSVOA_N

ClientSampled :

TB-09-13-18

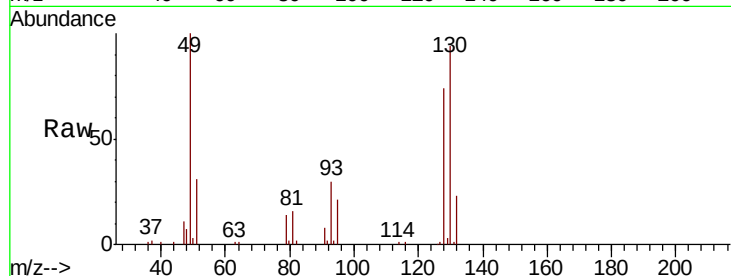
Tot Ion:128 Resp: 83349

Ion Ratio Lower Upper

128 100

49 137.0 0.0 380.3

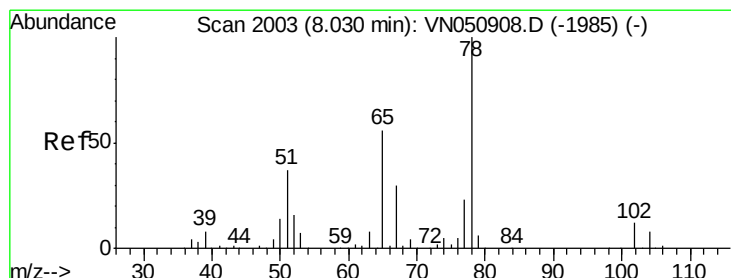
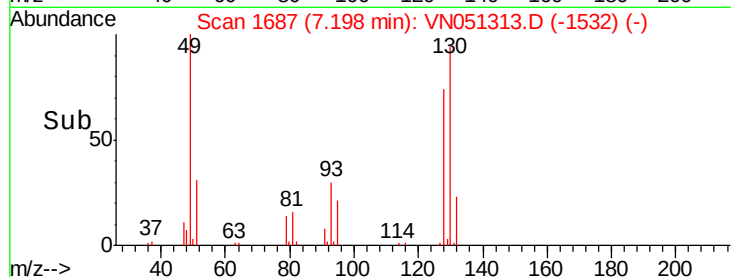
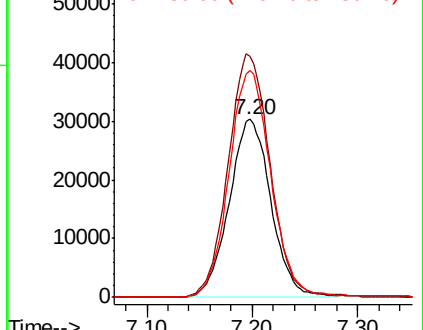
130 127.1 0.0 325.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 28.83 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051313.D

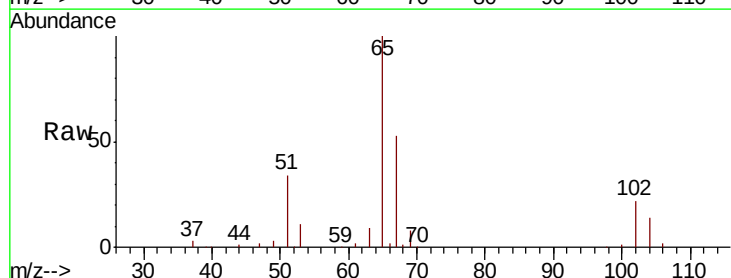
Acq: 19 Sep 2018 12:47

Tgt Ion: 65 Resp: 153332

Ion Ratio Lower Upper

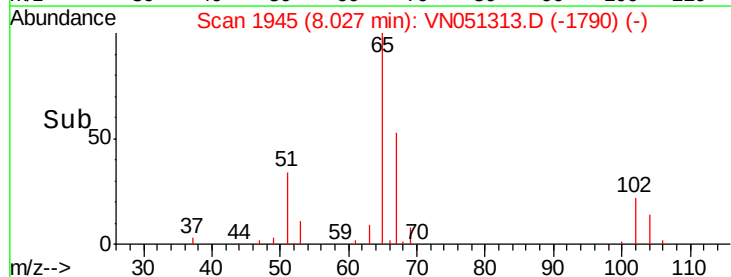
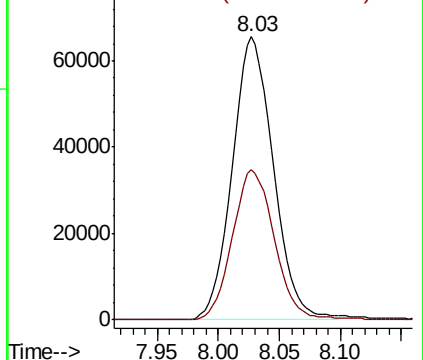
65 100

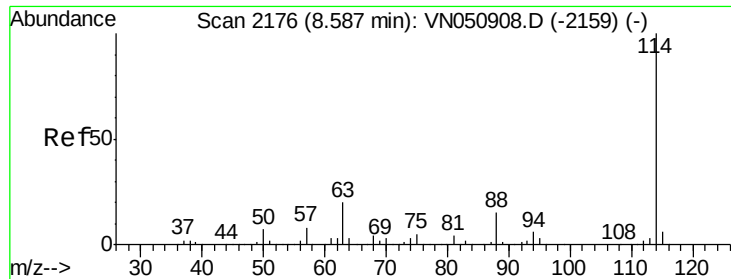
67 54.2 43.7 65.5



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

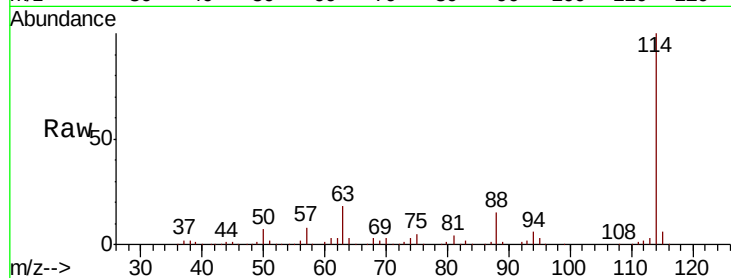




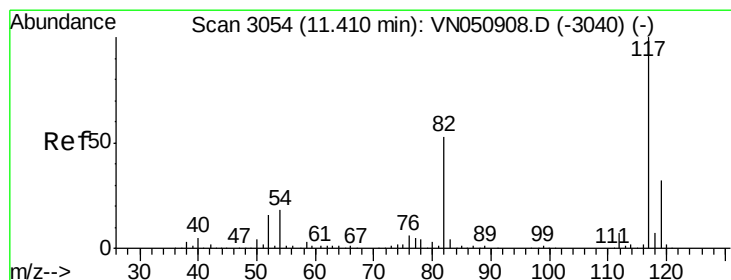
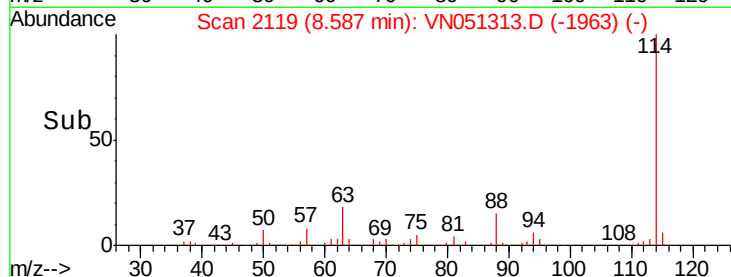
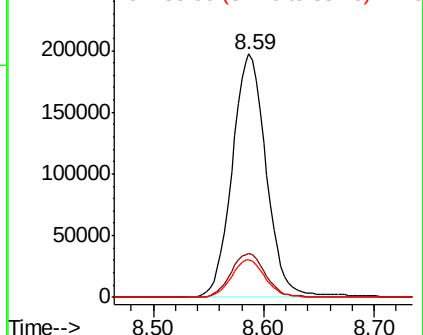
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051313.D
 Acq: 19 Sep 2018 12:47

Instrument :
 MSVOA_N
 ClientSampled :
 TB-09-13-18

Tot Ion:114 Resp: 422233
 Ion Ratio Lower Upper
 114 100
 63 18.4 15.6 23.4
 88 15.3 12.2 18.4

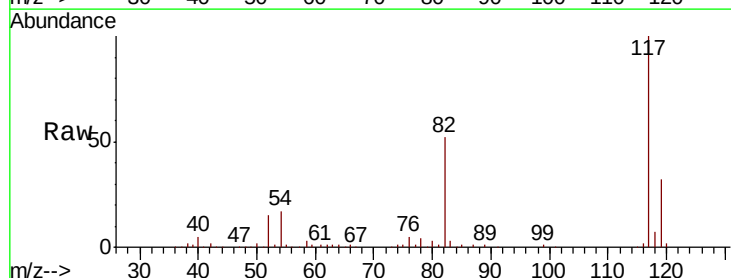


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

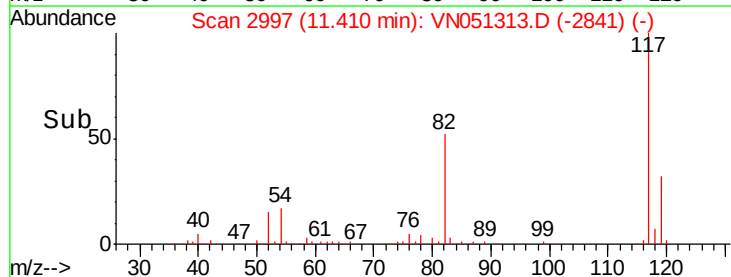
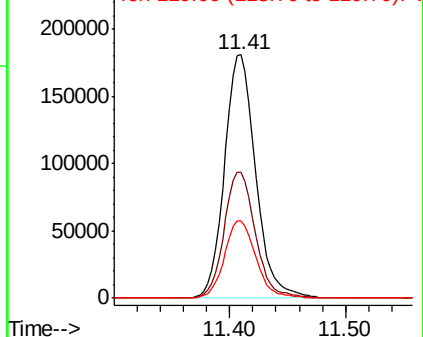


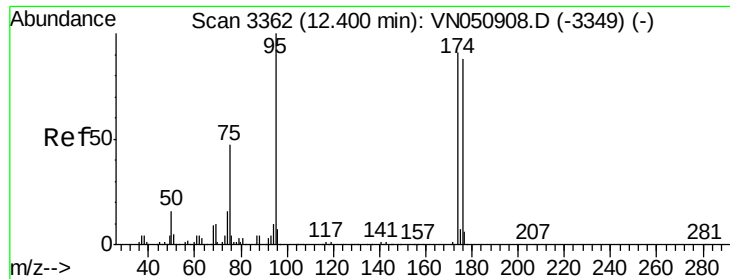
#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN051313.D
 Acq: 19 Sep 2018 12:47

Tgt Ion:117 Resp: 336663
 Ion Ratio Lower Upper
 117 100
 82 52.0 42.6 64.0
 119 32.2 25.7 38.5



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VN
 Ion 119.00 (118.70 to 119.70): V

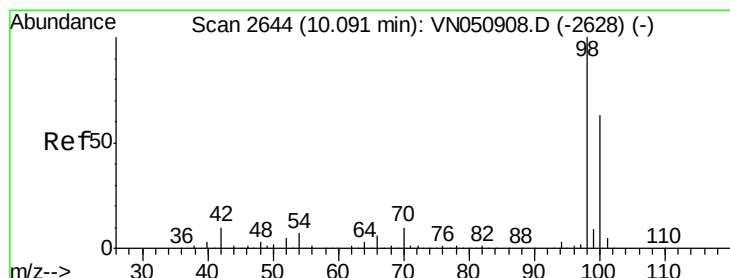
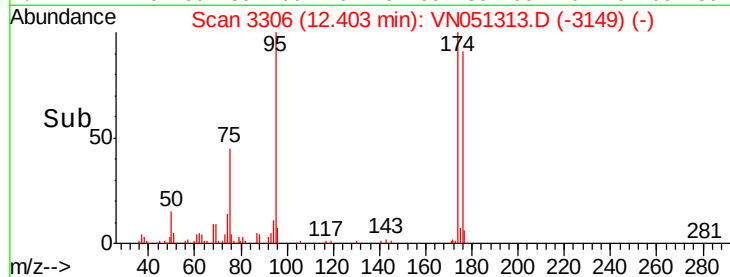
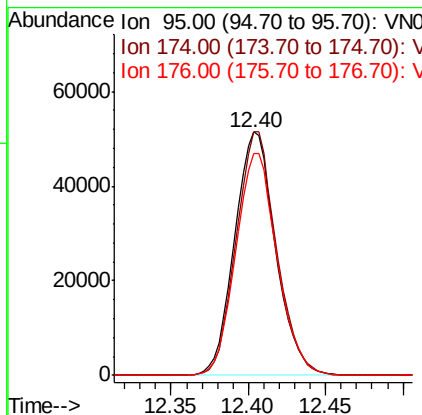
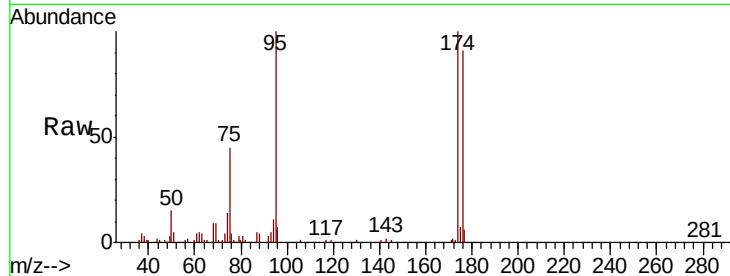




#60
4-Bromofluorobenzene
Concen: 18.83 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Instrument :
MSVOA_N
ClientSampleId :
TB-09-13-18

Tot Ion: 95 Resp: 94265
Ion Ratio Lower Upper
95 100
174 98.7 74.6 112.0
176 92.4 71.5 107.3



#63
Toluene-d8
Concen: 30.59 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051313.D
Acq: 19 Sep 2018 12:47

Tgt Ion: 98 Resp: 480300
Ion Ratio Lower Upper
98 100
100 62.8 50.6 75.8

