

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082018\
 Data File : VN050764.D
 Acq On : 20 Aug 2018 10:52
 Operator : MD\SY
 Sample : VN0820WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBL01

Quant Time: Aug 21 03:05:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	109106	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	557482	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	477211	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	218405	29.45	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.17%
60) 4-Bromofluorobenzene	12.40	95	157587	21.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	71.63%
63) Toluene-d8	10.09	98	656227	28.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.97%

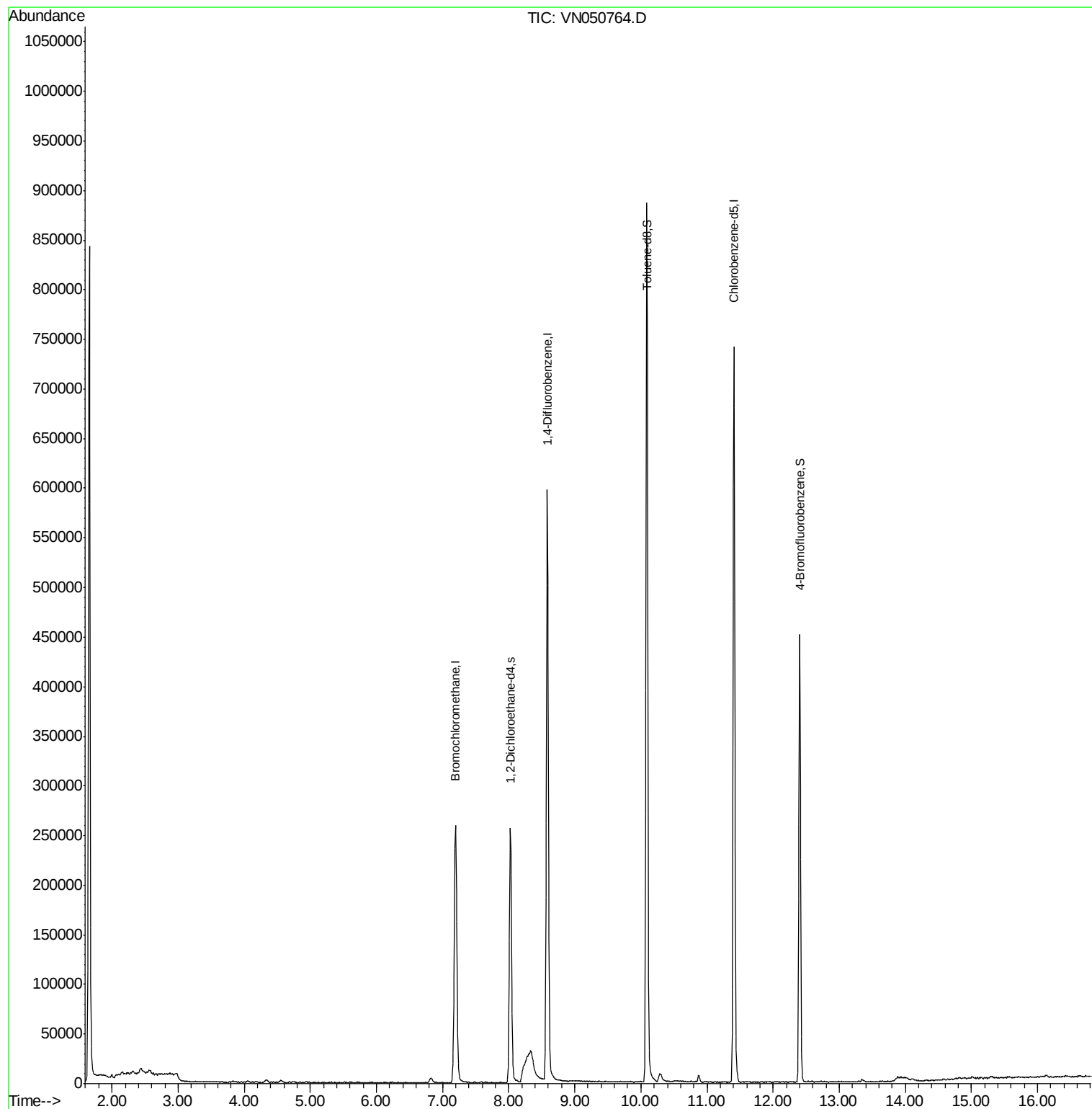
Target Compounds	Ovalue

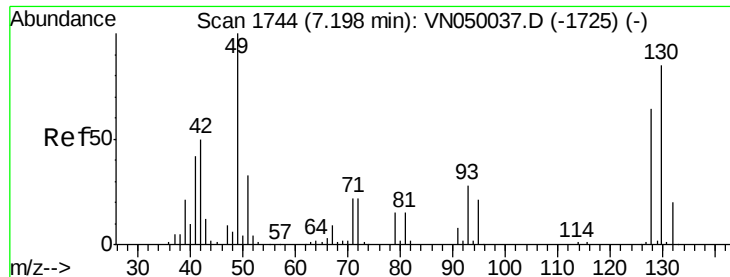
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050764.D

Acq: 20 Aug 2018 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBL01

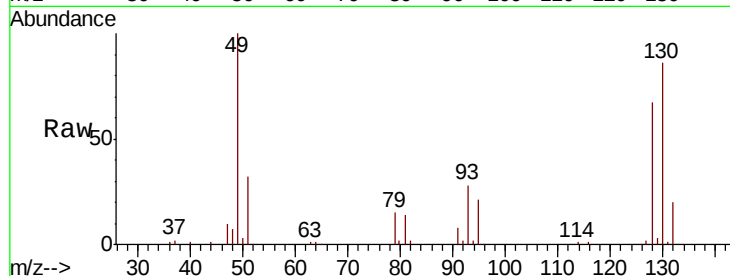
Tot Ion:128 Resp: 109106

Ion Ratio Lower Upper

128 100

49 154.2 0.0 378.3

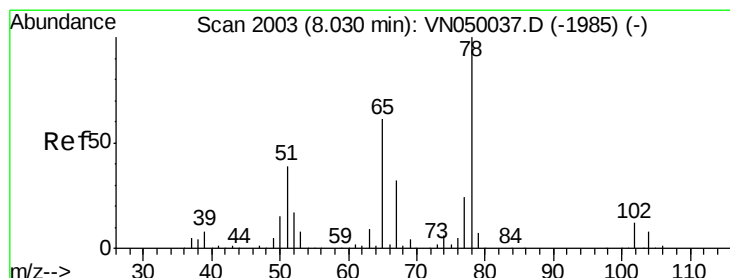
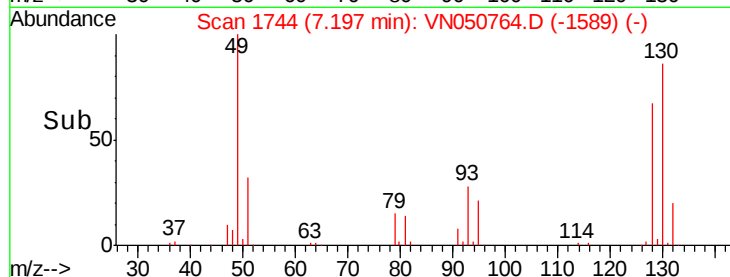
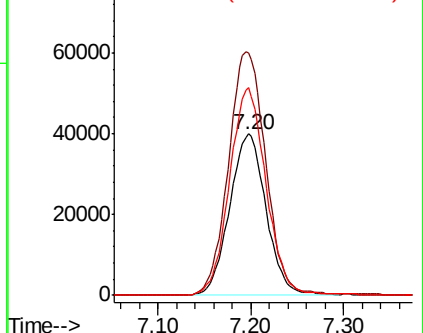
130 128.5 0.0 320.7



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: 29.45 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN050764.D

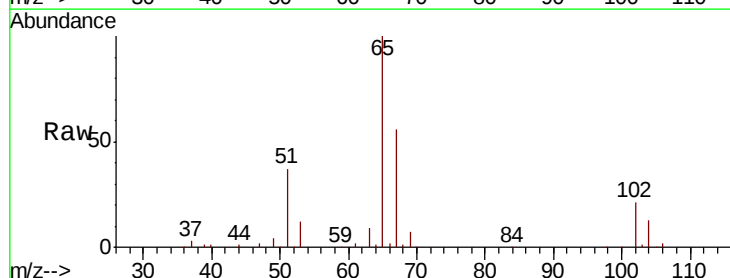
Acq: 20 Aug 2018 10:52

Tgt Ion: 65 Resp: 218405

Ion Ratio Lower Upper

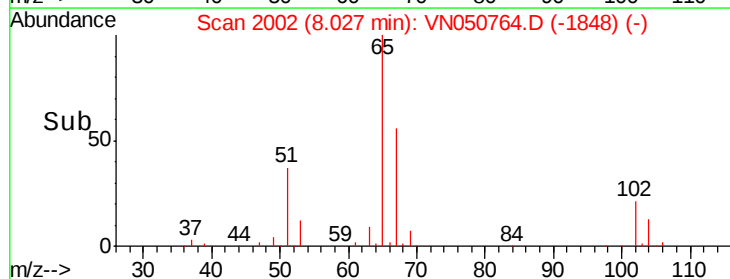
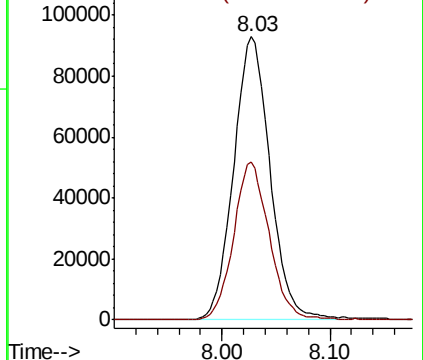
65 100

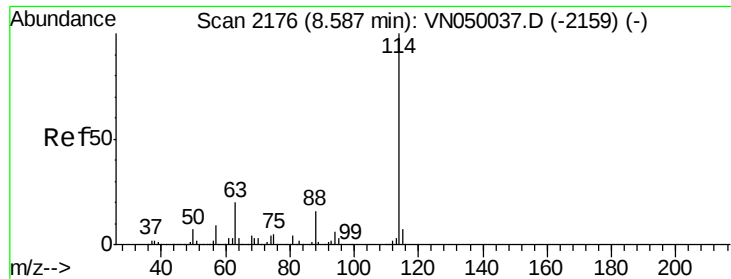
67 54.6 42.7 64.1



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

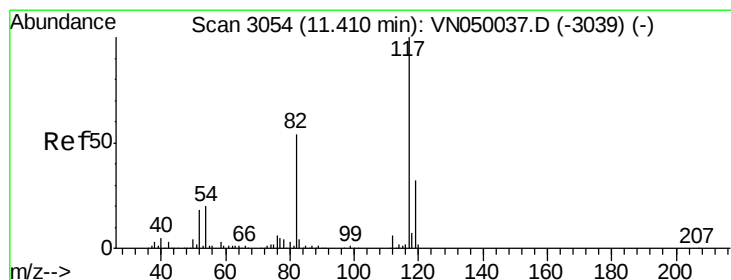
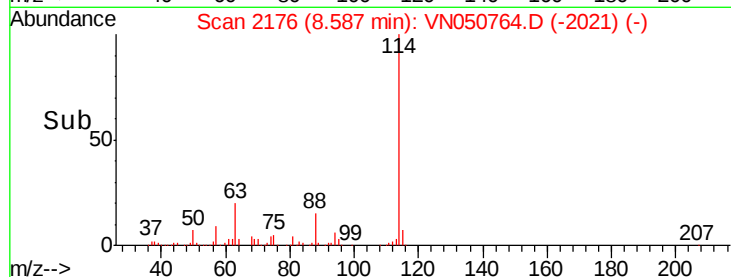
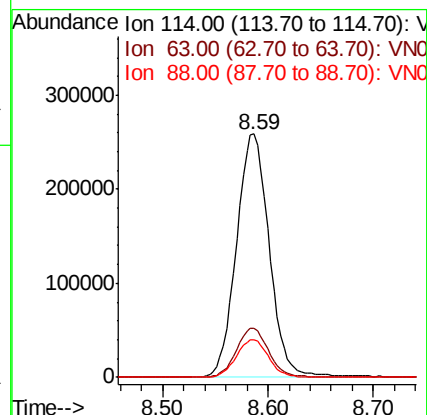
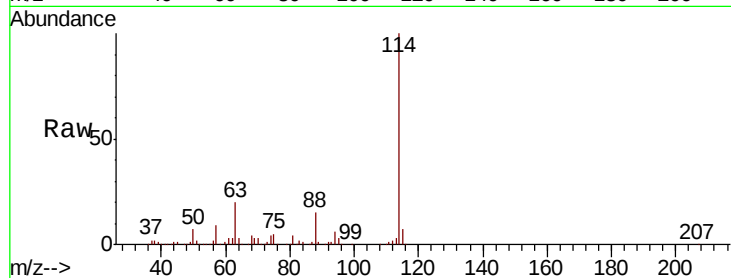




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050764.D
 Acq: 20 Aug 2018 10:52

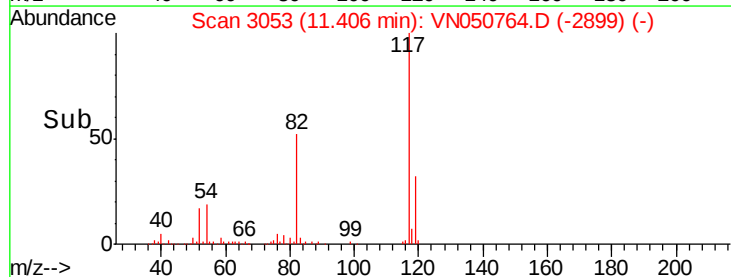
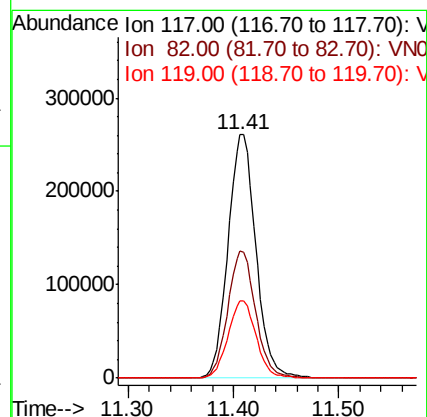
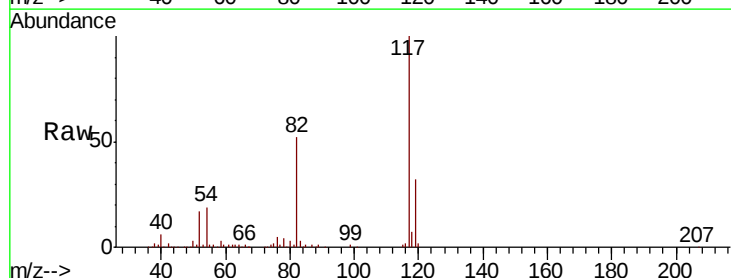
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBL01

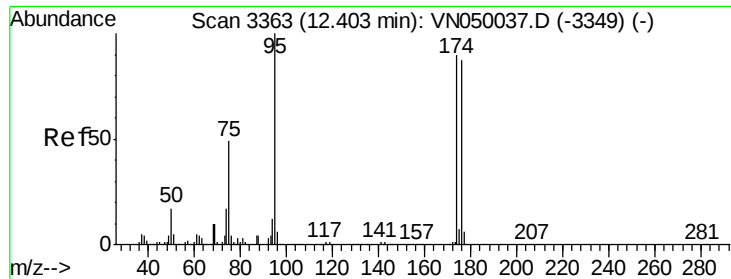
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	16.2	24.2
88	15.4	12.3	18.5



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 3053
 Delta R.T. -0.00 min
 Lab File: VN050764.D
 Acq: 20 Aug 2018 10:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.9	42.4	63.6
119	32.0	25.4	38.0

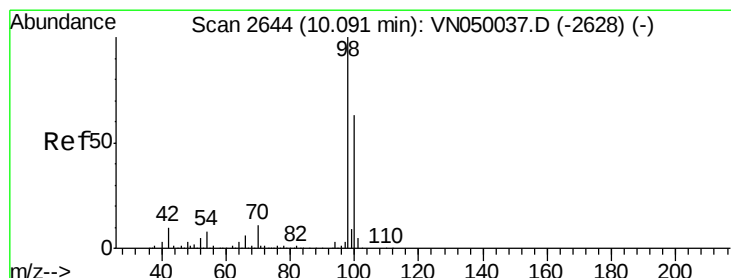
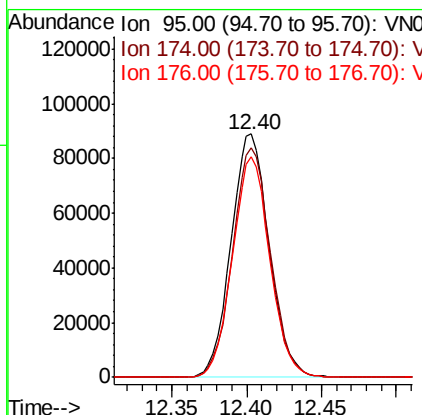
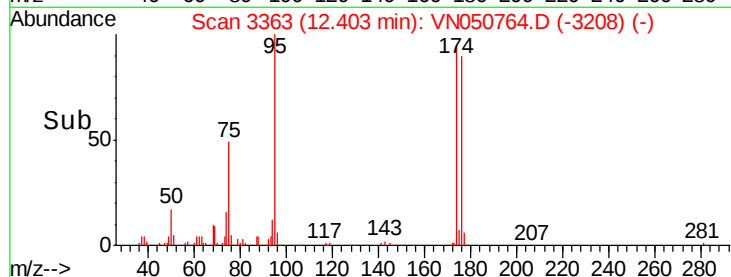
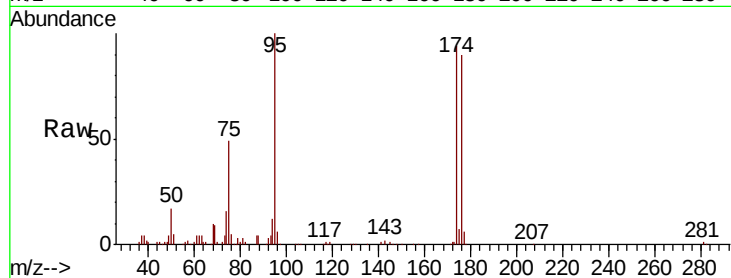




#60
 4-Bromofluorobenzene
 Concen: 21.49 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN050764.D
 Acq: 20 Aug 2018 10:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBL01

Tot Ion: 95 Resp: 157587
 Ion Ratio Lower Upper
 95 100
 174 94.0 72.3 108.5
 176 88.9 70.0 105.0



#63
 Toluene-d8
 Concen: 28.79 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050764.D
 Acq: 20 Aug 2018 10:52

Tgt Ion: 98 Resp: 656227
 Ion Ratio Lower Upper
 98 100
 100 63.1 51.2 76.8

