

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050203.D
 Acq On : 31 Jul 2018 9:05
 Operator : MD\SY
 Sample : VN0731WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBL01

Quant Time: Jul 31 17:47:56 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	7.19	128	119670	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	648262	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	523849	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	248021	30.49	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.63%
60) 4-Bromofluorobenzene	12.40	95	173950	21.61	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	72.03%
63) Toluene-d8	10.09	98	746858	29.85	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.50%

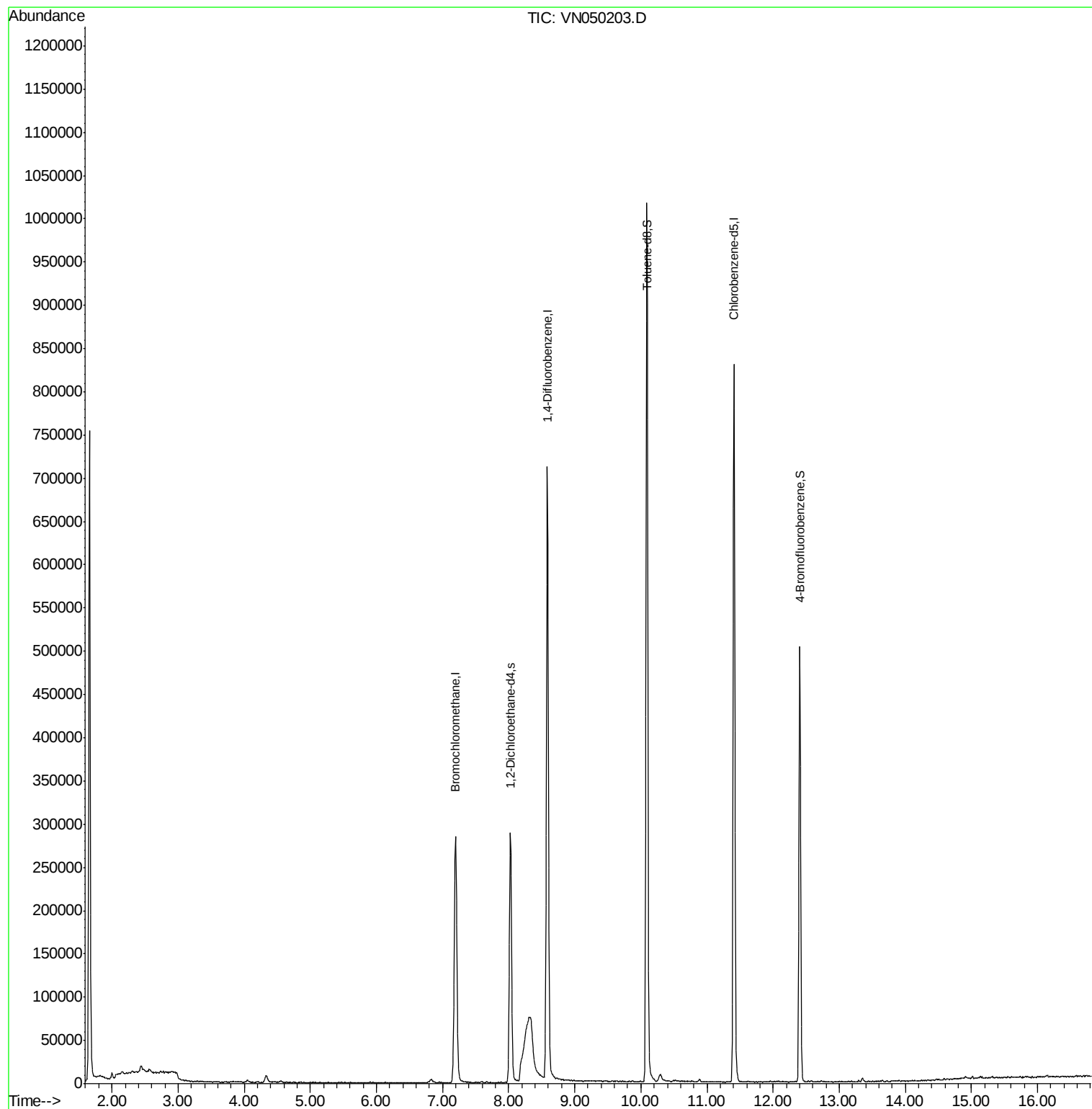
Target Compounds	Ovalue

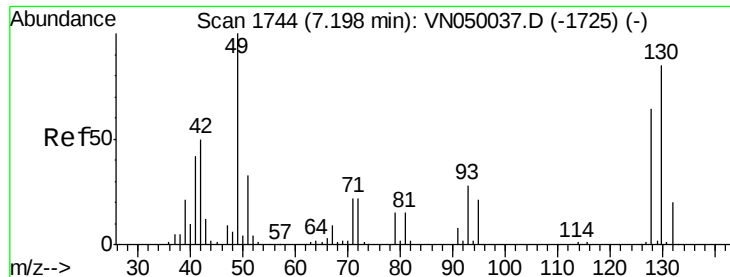
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.19 min Scan# 1743

Delta R.T. -0.00 min

Lab File: VN050203.D

Acq: 31 Jul 2018 9:05

Instrument :

MSVOA_N

ClientSampleId :

VN0731WBL01

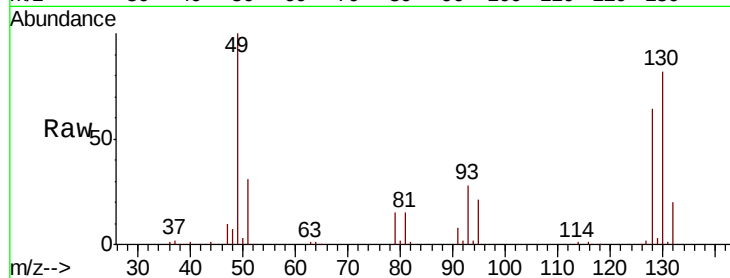
Tot Ion:128 Resp: 119670

Ion Ratio Lower Upper

128 100

49 154.1 0.0 378.3

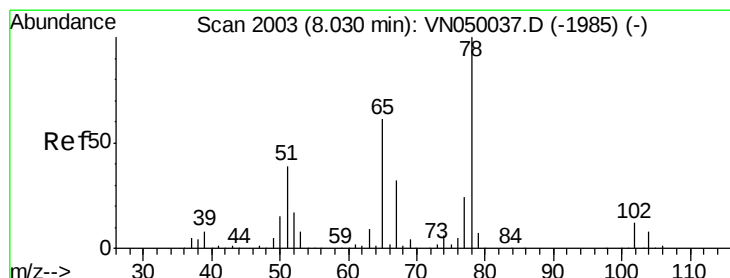
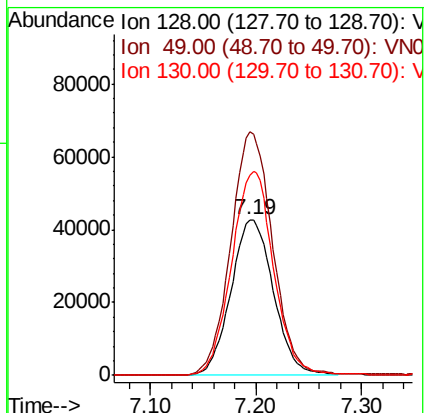
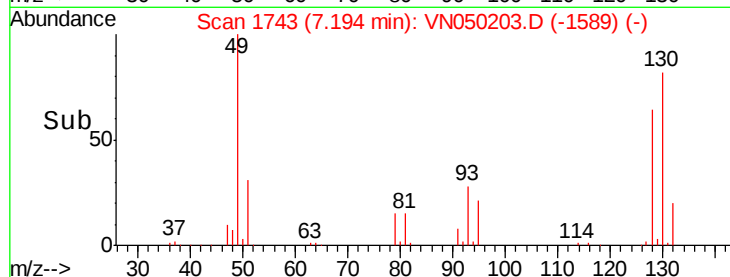
130 129.4 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 30.491 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN050203.D

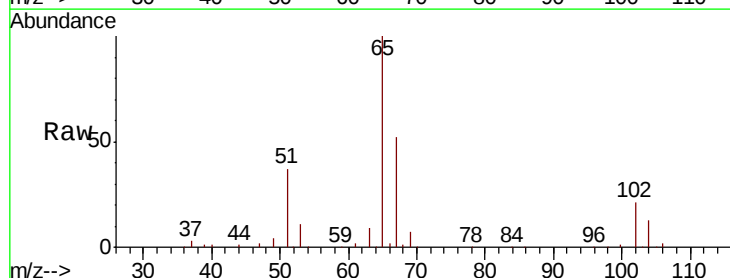
Acq: 31 Jul 2018 9:05

Tgt Ion: 65 Resp: 248021

Ion Ratio Lower Upper

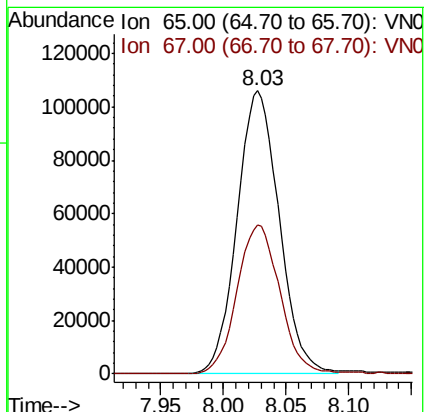
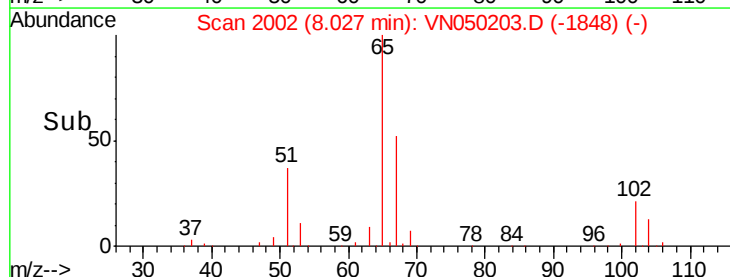
65 100

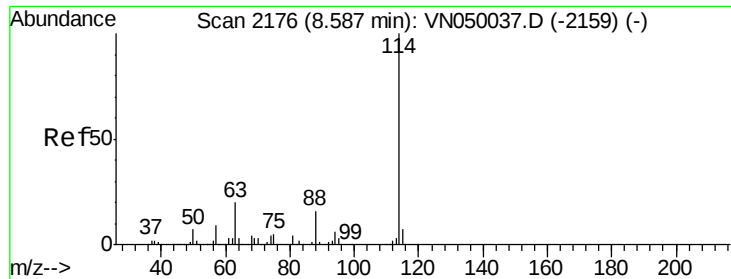
67 53.4 42.7 64.1



Abundance Ion 65.00 (64.70 to 65.70): VN

Ion 67.00 (66.70 to 67.70): VN

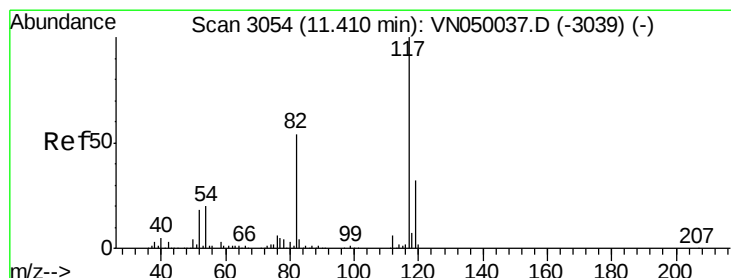
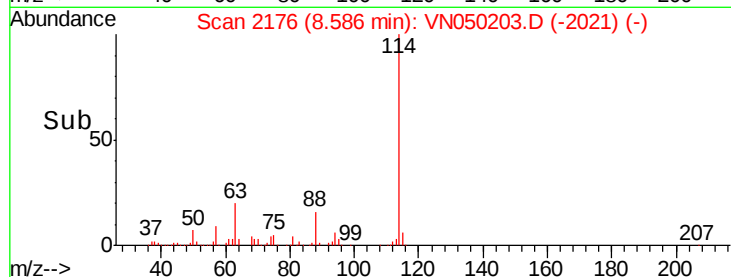
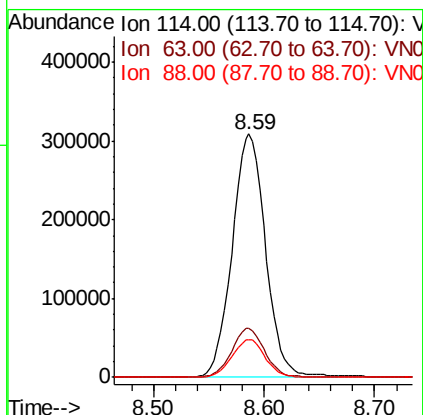
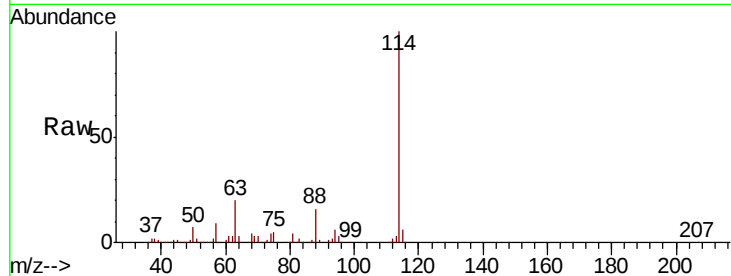




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050203.D
 Acq: 31 Jul 2018 9:05

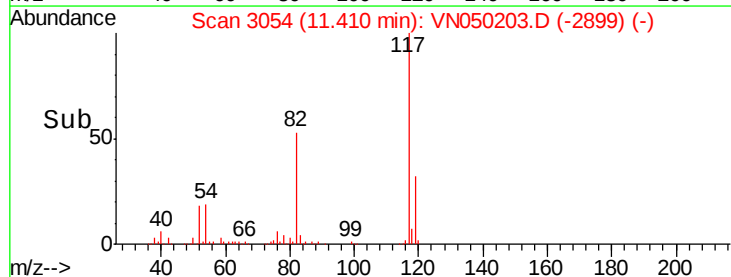
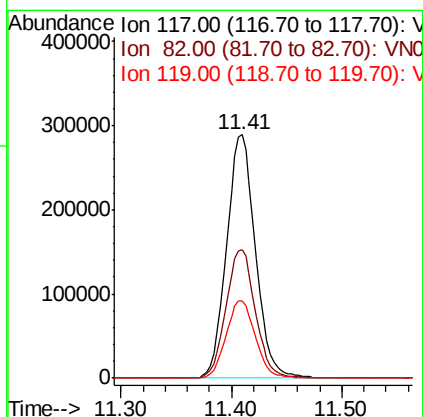
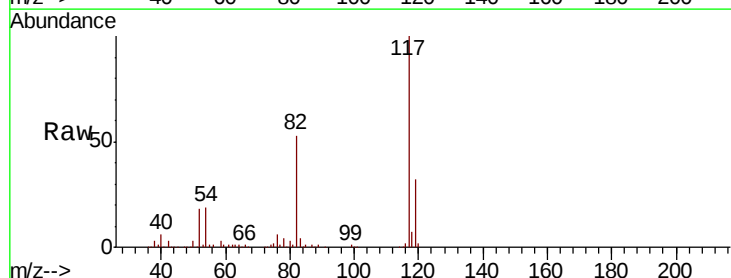
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0731WBL01

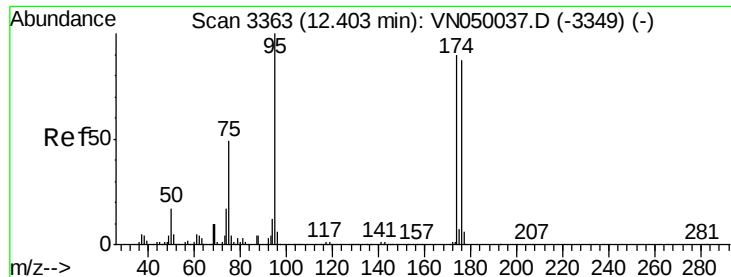
Tot Ion:114 Resp: 648262
 Ion Ratio Lower Upper
 114 100
 63 20.1 16.2 24.2
 88 15.5 12.3 18.5



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. -0.00 min
 Lab File: VN050203.D
 Acq: 31 Jul 2018 9:05

Tgt Ion:117 Resp: 523849
 Ion Ratio Lower Upper
 117 100
 82 53.9 42.4 63.6
 119 32.3 25.4 38.0

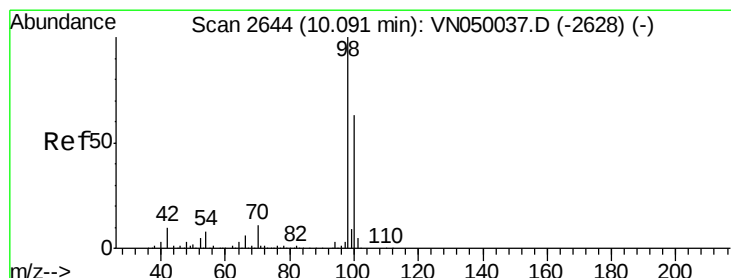
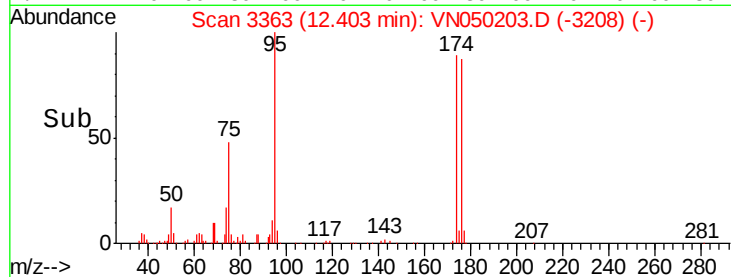
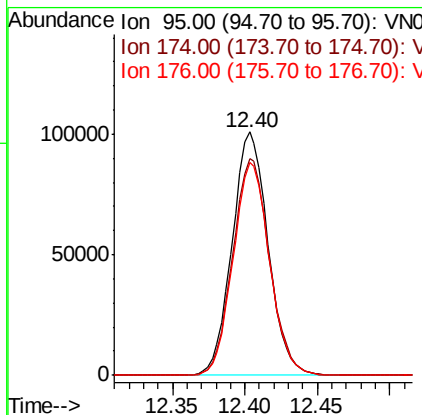
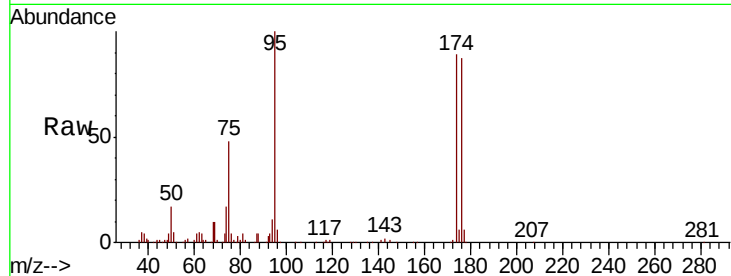




#60
 4-Bromofluorobenzene
 Concen: 21.614 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. -0.00 min
 Lab File: VN050203.D
 Acq: 31 Jul 2018 9:05

Instrument :
 MSVOA_N
 ClientSampled :
 VN0731WBL01

Tot Ion: 95 Resp: 173950
 Ion Ratio Lower Upper
 95 100
 174 90.9 72.3 108.5
 176 88.5 70.0 105.0



#63
 Toluene-d8
 Concen: 29.848 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. -0.00 min
 Lab File: VN050203.D
 Acq: 31 Jul 2018 9:05

Tgt Ion: 98 Resp: 746858
 Ion Ratio Lower Upper
 98 100
 100 63.1 51.2 76.8

