

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100118\
 Data File : VN051627.D
 Acq On : 1 Oct 2018 10:46
 Operator : MD\SY
 Sample : VN1001WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBL01

Quant Time: Oct 02 16:09:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Sep 29 01:07:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	123478	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	624257	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	527790	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	268981	31.29	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.30%
60) 4-Bromofluorobenzene	12.40	95	172792	21.29	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	70.97%
63) Toluene-d8	10.09	98	716606	28.78	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.93%

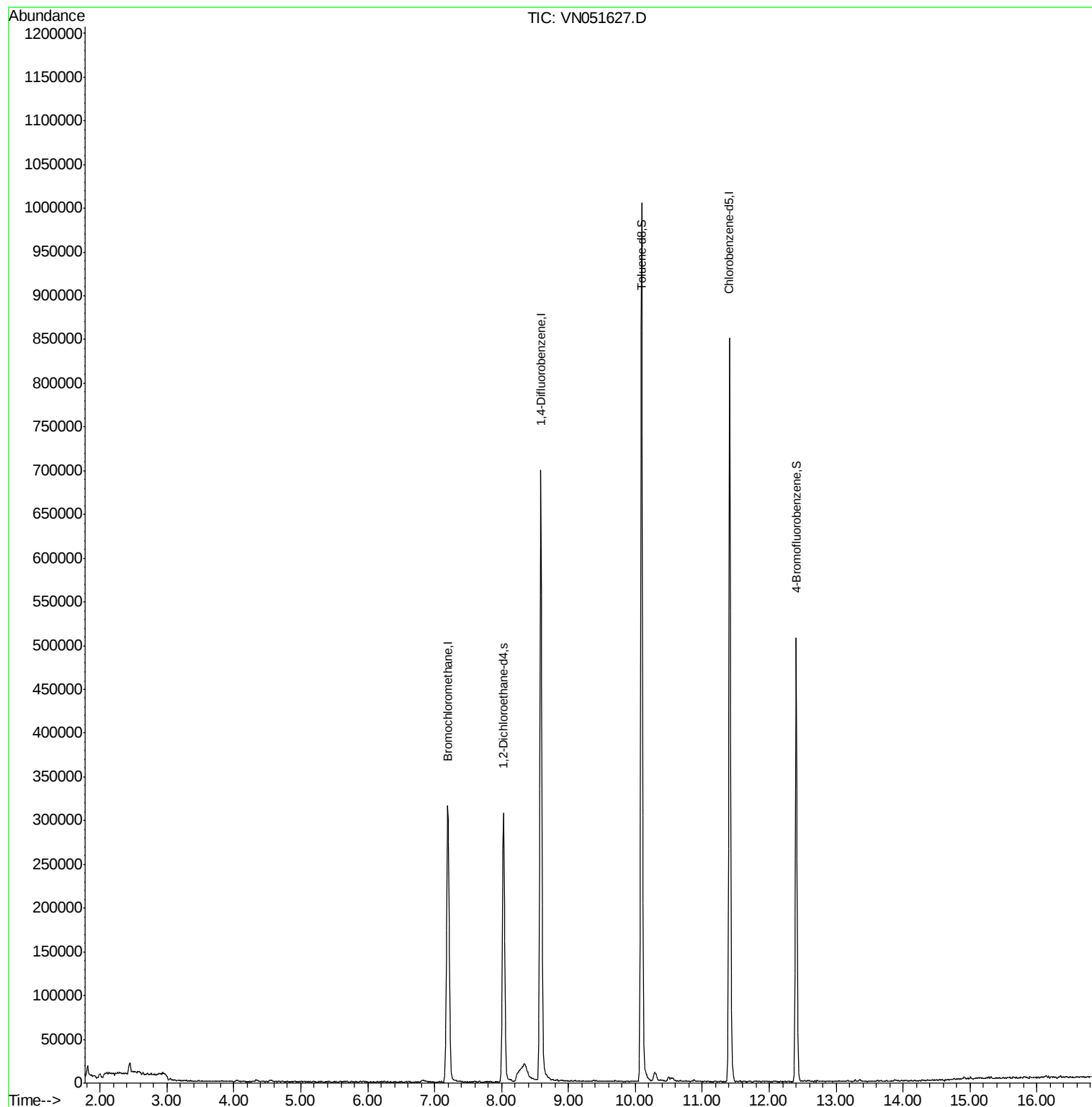
Target Compounds	Ovalue

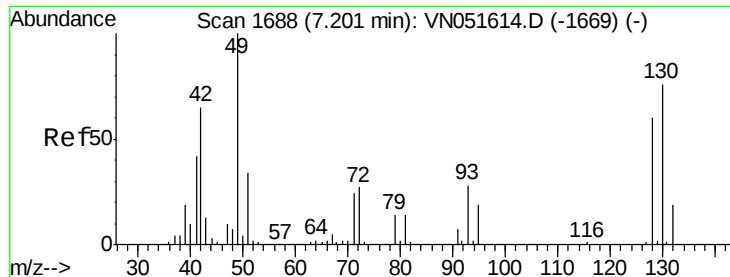
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 01:07:29 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051627.D

Acq: 1 Oct 2018 10:46

Instrument :
MSVOA_N
ClientSampled :
VN1001WBL01

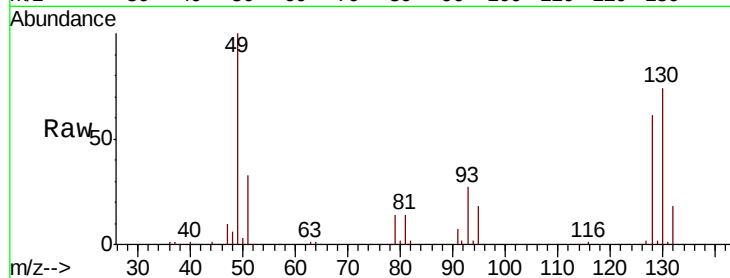
Tot Ion:128 Resp: 123478

Ion Ratio Lower Upper

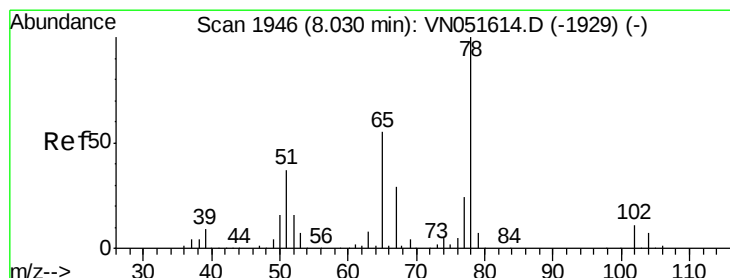
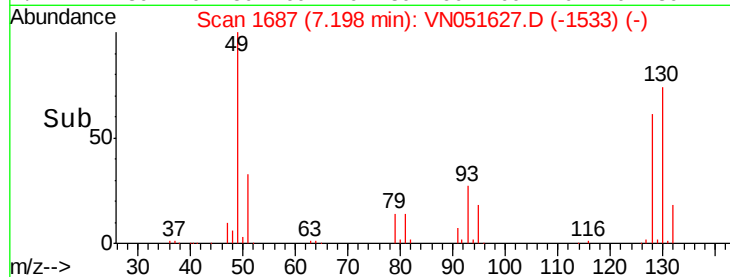
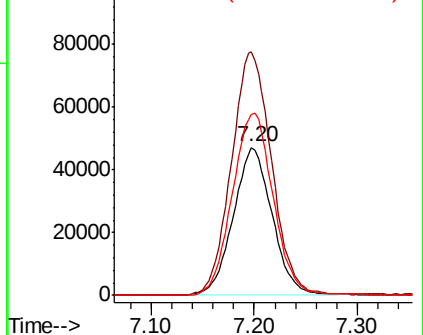
128 100

49 170.5 0.0 426.8

130 129.6 0.0 326.3



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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051627.D

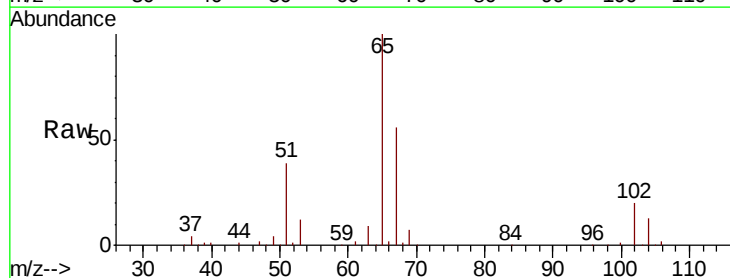
Acq: 1 Oct 2018 10:46

Tgt Ion: 65 Resp: 268981

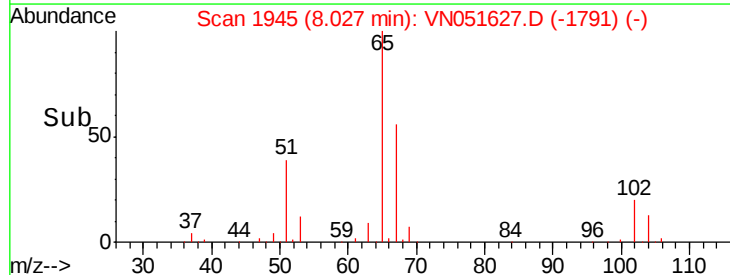
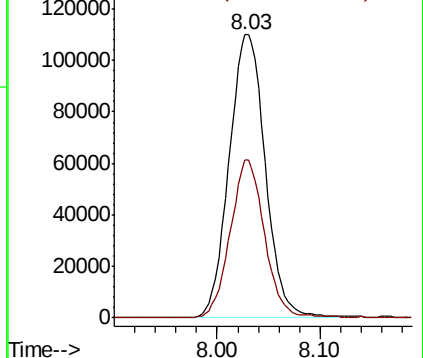
Ion Ratio Lower Upper

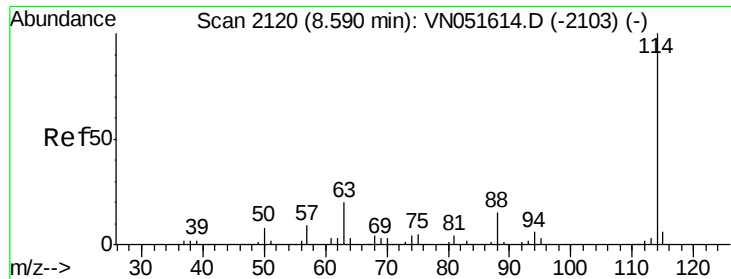
65 100

67 52.3 43.1 64.7



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

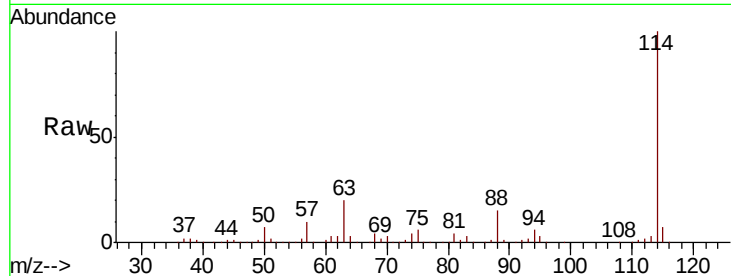




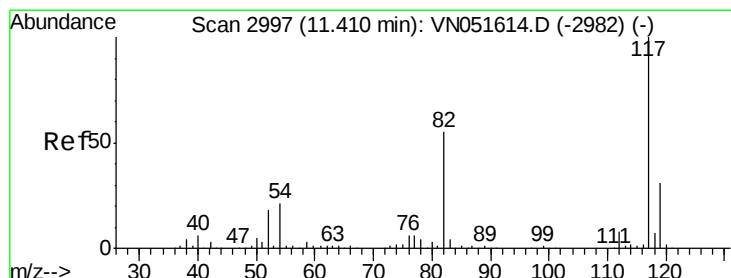
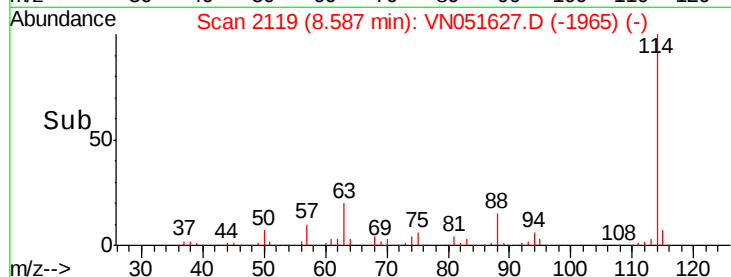
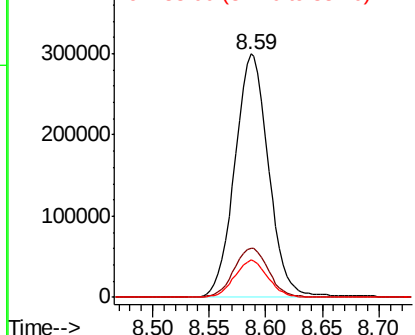
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051627.D
 Acq: 1 Oct 2018 10:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1001WBL01

Tot Ion:114 Resp: 624257
 Ion Ratio Lower Upper
 114 100
 63 20.7 16.4 24.6
 88 15.1 12.6 18.8

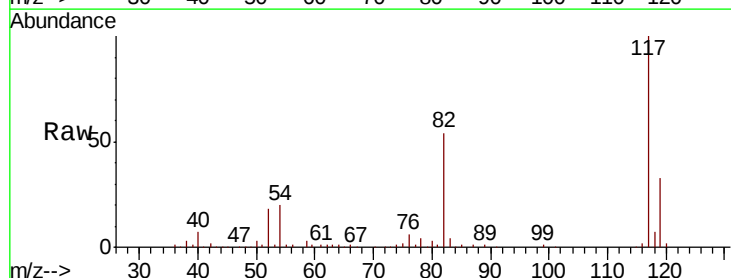


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

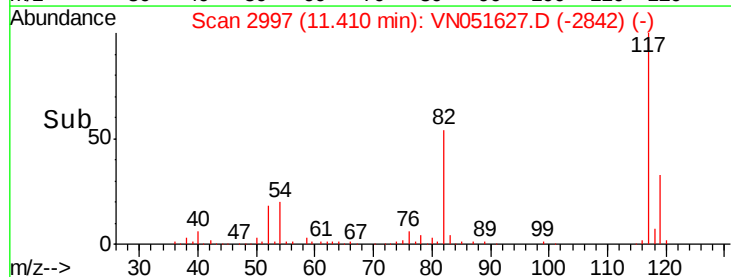
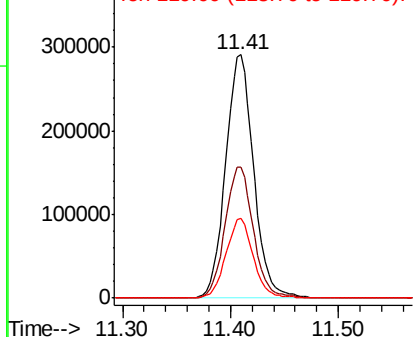


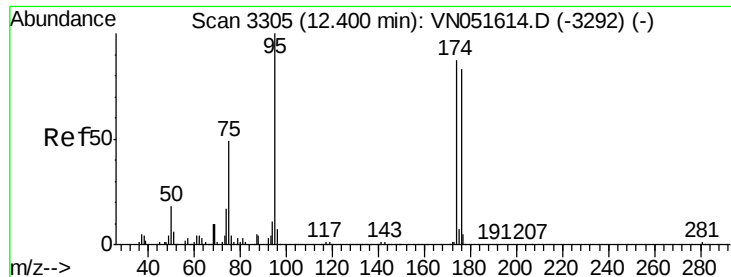
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. -0.00 min
 Lab File: VN051627.D
 Acq: 1 Oct 2018 10:46

Tgt Ion:117 Resp: 527790
 Ion Ratio Lower Upper
 117 100
 82 54.4 44.2 66.2
 119 31.8 25.2 37.8



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

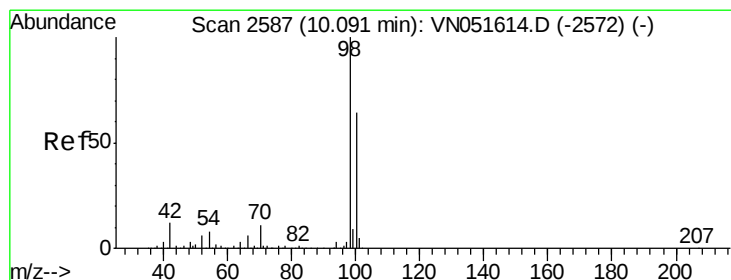
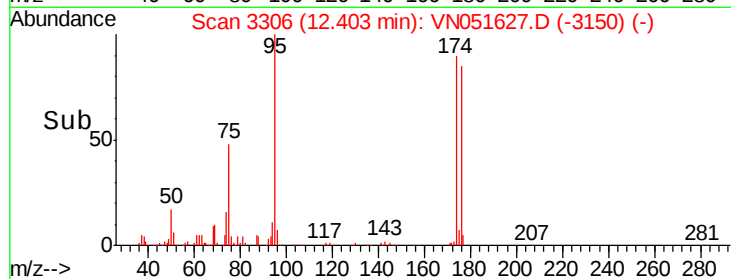
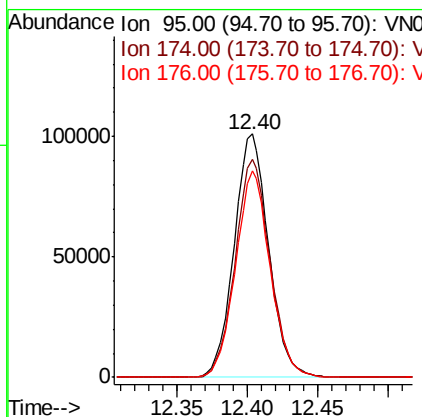
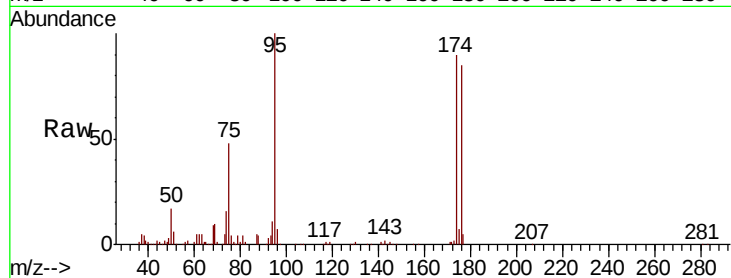




#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051627.D
Acq: 1 Oct 2018 10:46

Instrument :
MSVOA_N
ClientSampleId :
VN1001WBL01

Tot Ion: 95 Resp: 172792
Ion Ratio Lower Upper
95 100
174 90.7 71.2 106.8
176 85.1 67.8 101.8



#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051627.D
Acq: 1 Oct 2018 10:46

Tgt Ion: 98 Resp: 716606
Ion Ratio Lower Upper
98 100
100 62.7 51.4 77.0

