

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062119\
 Data File : VN056415.D
 Acq On : 21 Jun 2019 10:58
 Operator : JC/SP
 Sample : VN0621WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBL02

Quant Time: Jun 22 02:05:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	61562	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	334324	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	259746	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	127643	33.39	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	111.30%
60) 4-Bromofluorobenzene	12.40	95	85204	22.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	73.77%
63) Toluene-d8	10.09	98	385928	32.75	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.17%

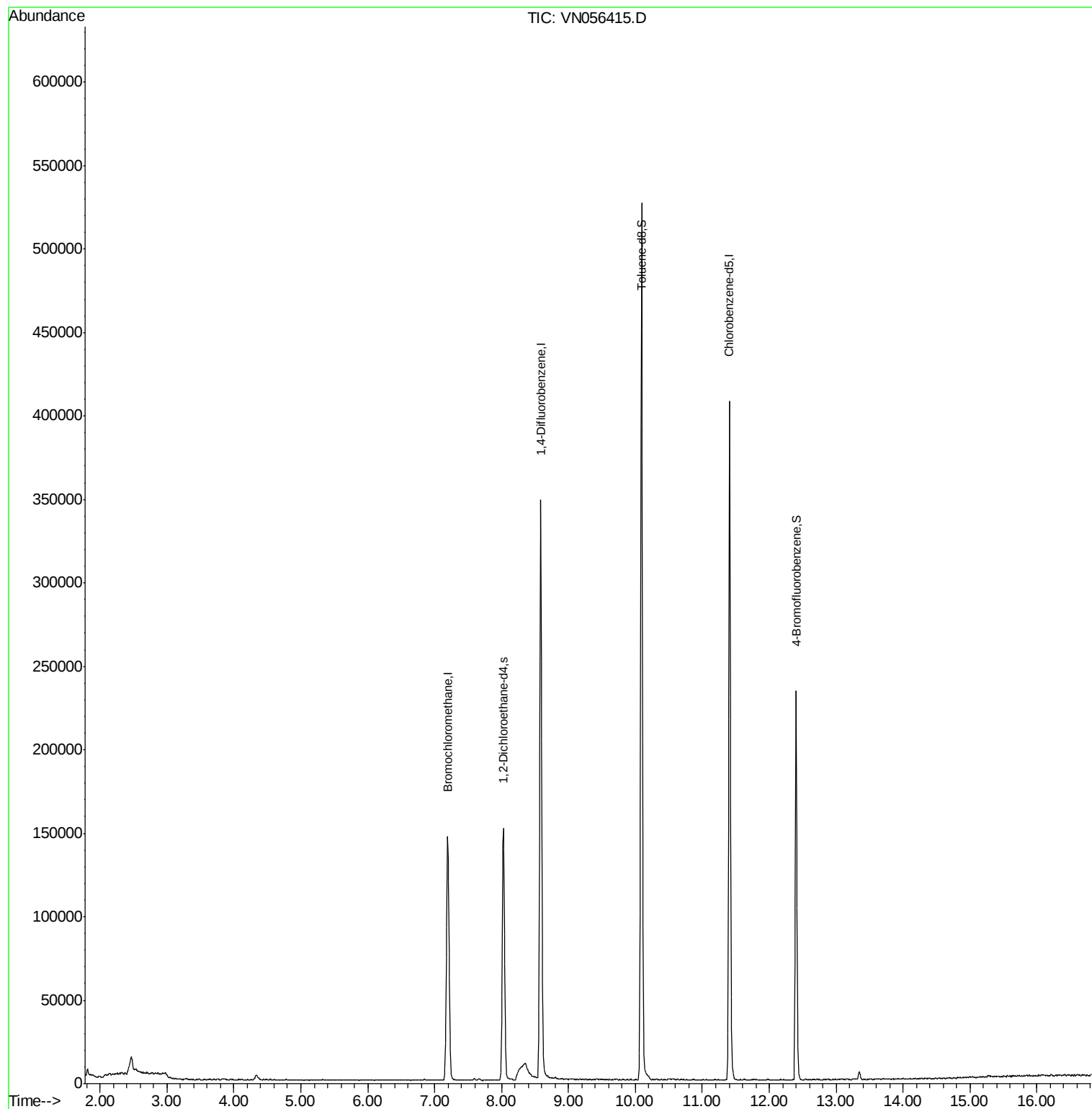
Target Compounds	Ovalue

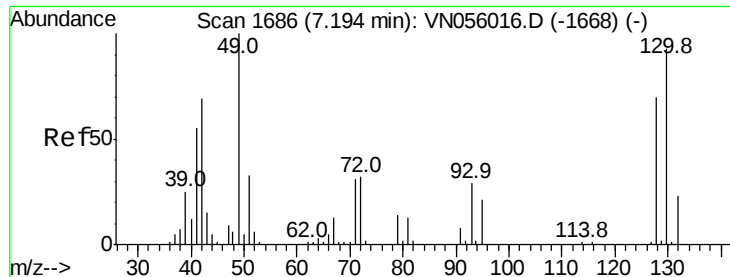
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN056415.D

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Instrument :

MSVOA_N

ClientSampleId :

VN0621WBL02

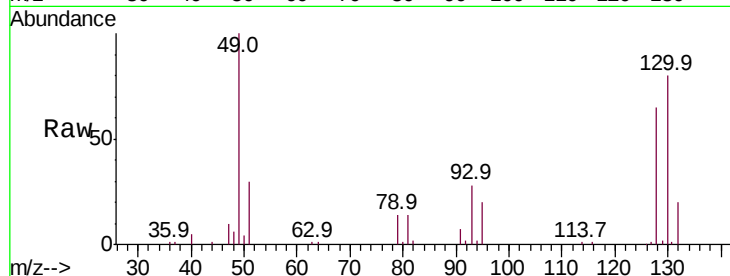
Tot Ion:128 Resp: 61562

Ion Ratio Lower Upper

128 100

49 155.9 0.0 355.8

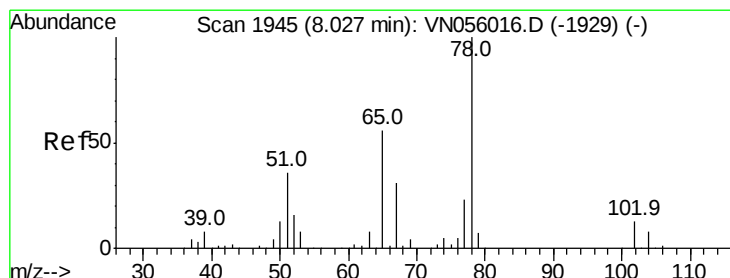
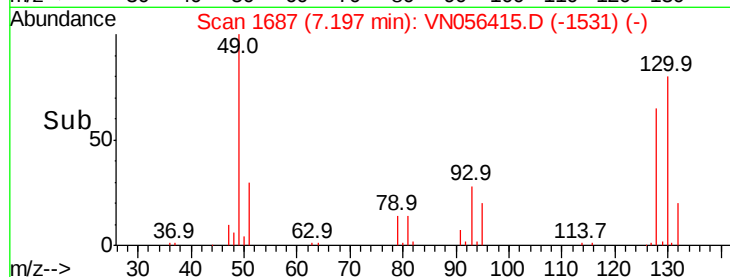
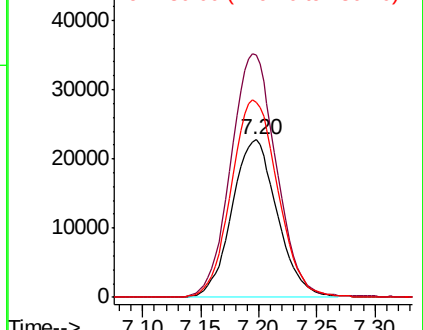
130 129.2 0.0 326.3



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: 33.389 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN056415.D

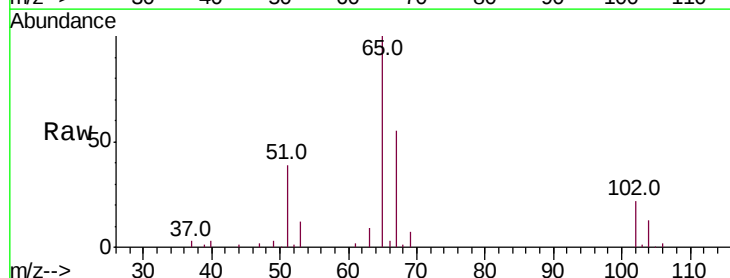
Acq: 21 Jun 2019 10:58

Tgt Ion: 65 Resp: 127643

Ion Ratio Lower Upper

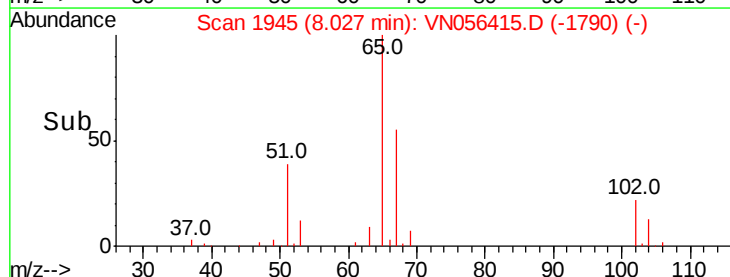
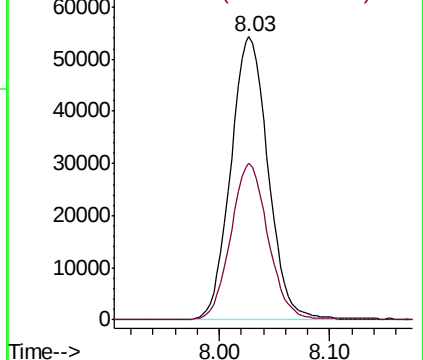
65 100

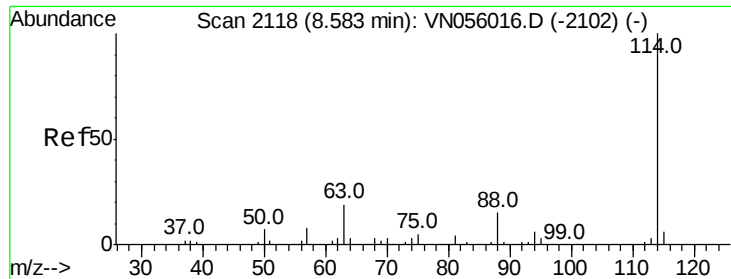
67 55.1 43.4 65.2



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

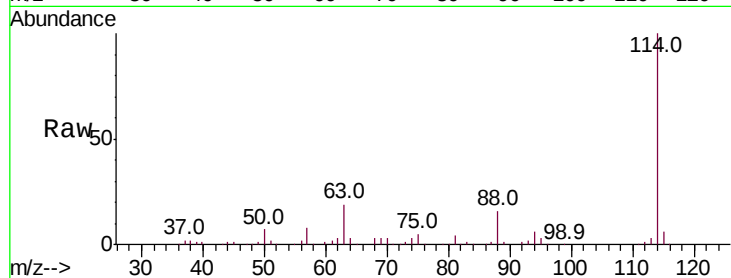




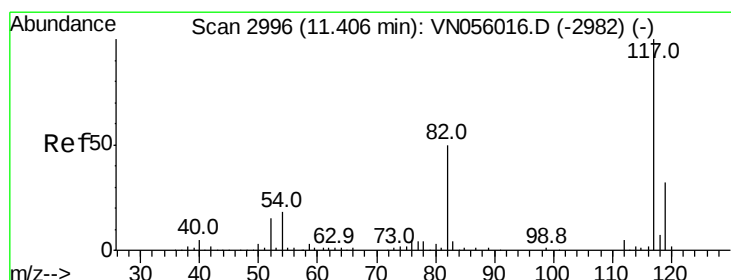
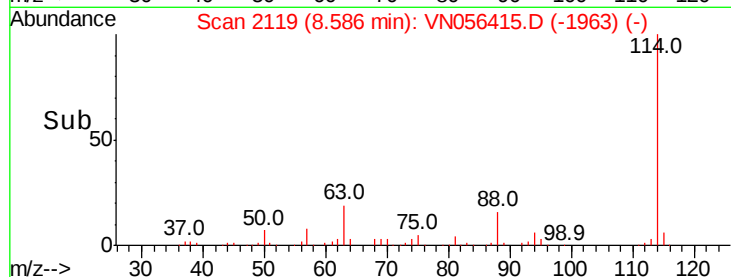
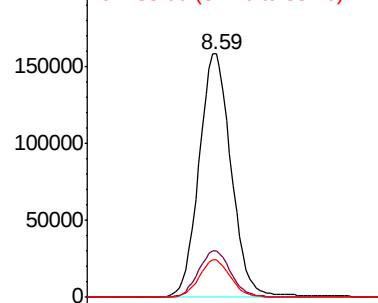
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056415.D
 Acq: 21 Jun 2019 10:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBL02

Tot Ion:114 Resp: 334324
 Ion Ratio Lower Upper
 114 100
 63 19.3 14.7 22.1
 88 15.2 11.9 17.9

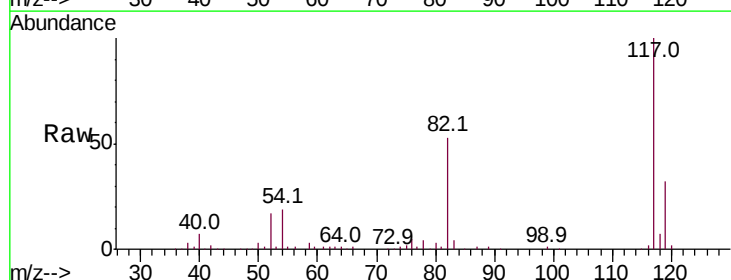


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

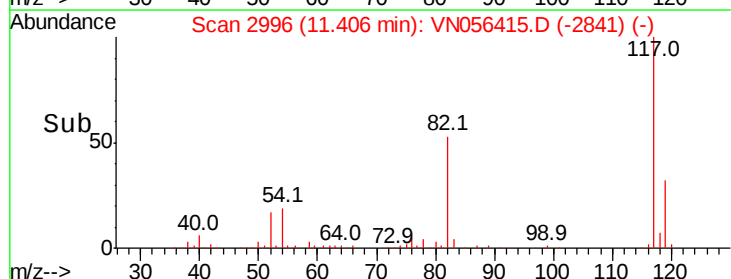
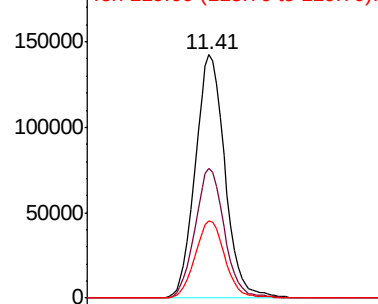


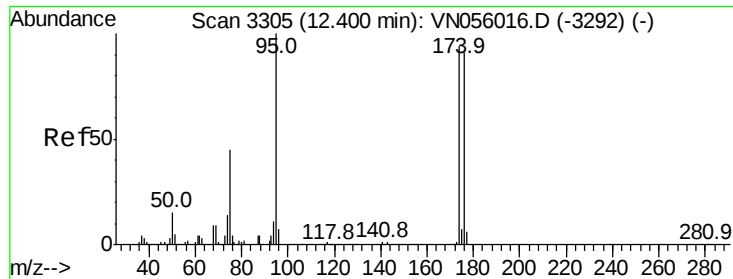
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN056415.D
 Acq: 21 Jun 2019 10:58

Tgt Ion:117 Resp: 259746
 Ion Ratio Lower Upper
 117 100
 82 52.9 41.2 61.8
 119 31.9 26.2 39.2



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: 22.131 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056415.D

Acq: 21 Jun 2019 10:58

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBL02

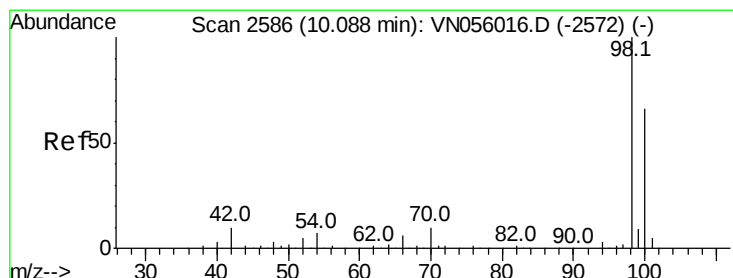
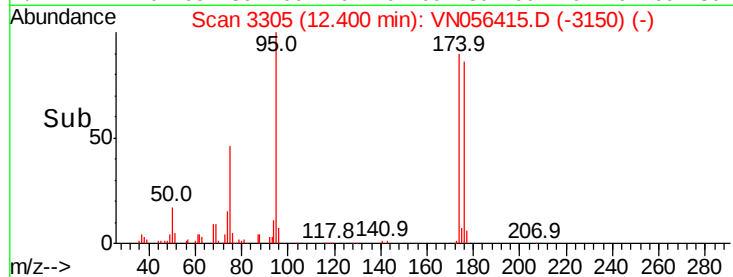
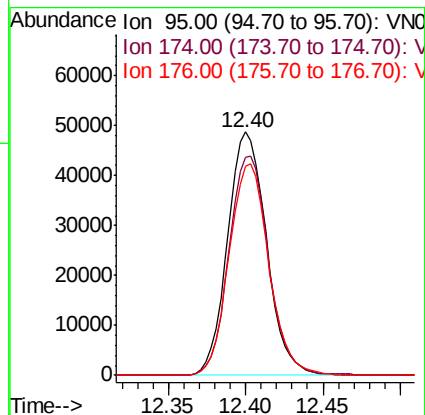
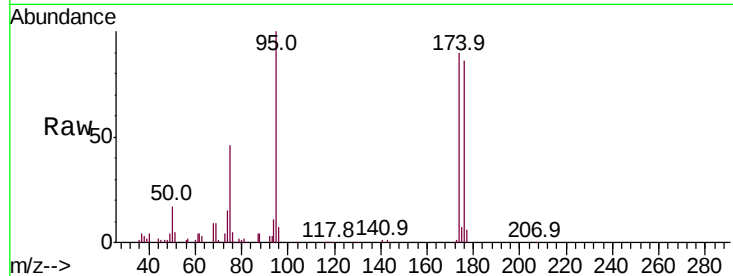
Tot Ion: 95 Resp: 85204

Ion Ratio Lower Upper

95 100

174 91.3 75.4 113.0

176 88.7 73.9 110.9



#63

Toluene-d8

Concen: 32.753 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056415.D

Acq: 21 Jun 2019 10:58

Tgt Ion: 98 Resp: 385928

Ion Ratio Lower Upper

98 100

100 63.8 52.2 78.4

