

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031819\
 Data File : VX008169.D
 Acq On : 18 Mar 2019 16:55
 Operator : JC/SP
 Sample : K1909-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-3-15-19

Quant Time: Mar 19 03:20:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 14:34:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	51372	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	278077	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	235864	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	129368	30.27	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.90%
60) 4-Bromofluorobenzene	11.13	95	106890	27.15	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.50%
63) Toluene-d8	8.71	98	348580	30.42	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.40%

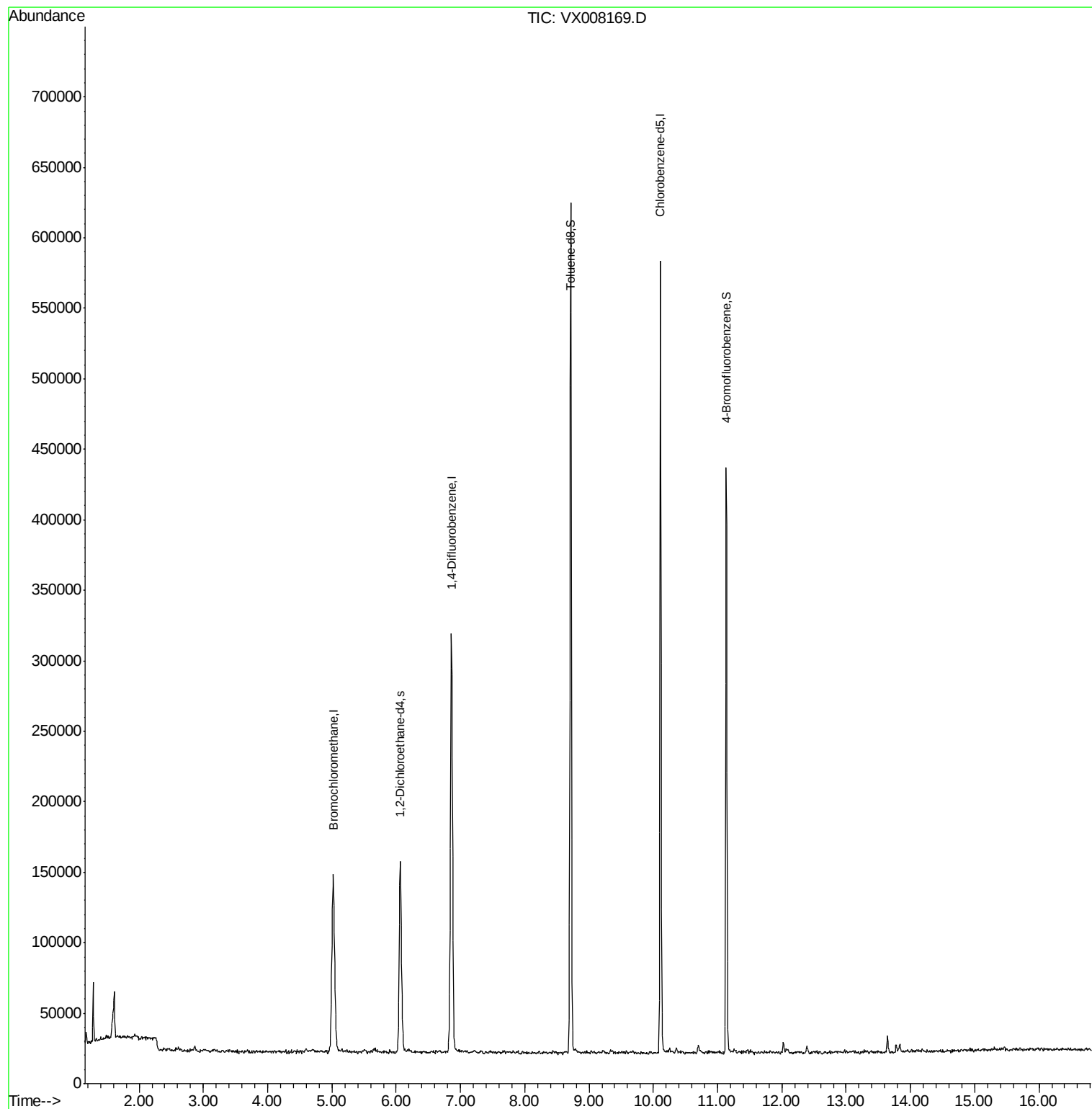
Target Compounds	Ovalue

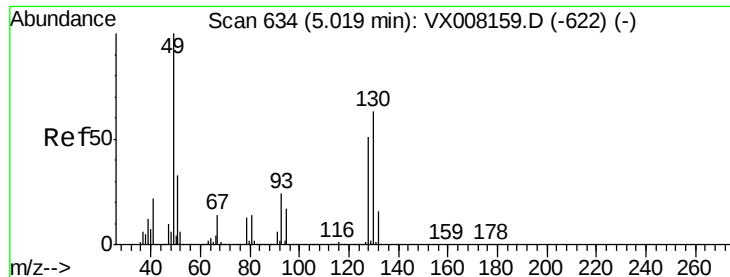
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Mar 18 14:34:46 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX008169.D

Acq: 18 Mar 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

TB-3-15-19

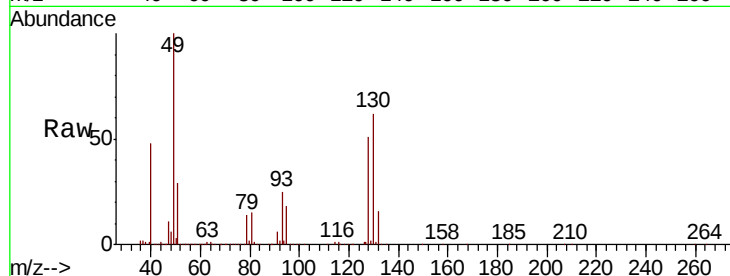
Tot Ion:128 Resp: 51372

Ion Ratio Lower Upper

128 100

49 191.9 0.0 350.8

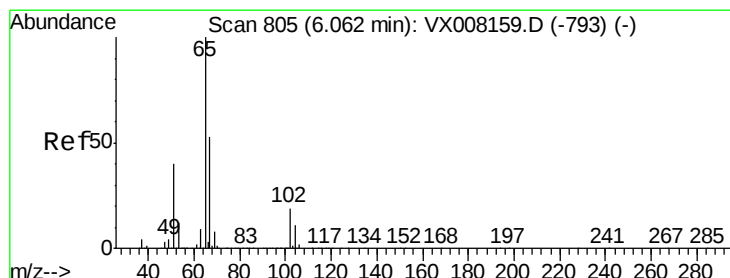
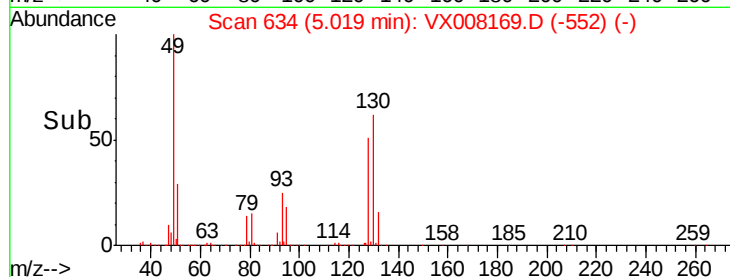
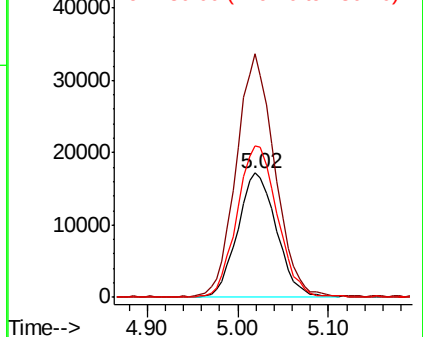
130 125.8 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 30.274 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008169.D

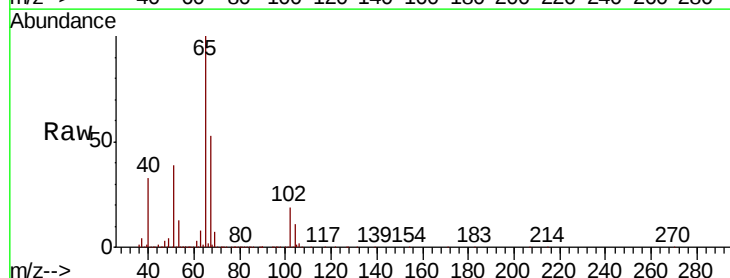
Acq: 18 Mar 2019 16:55

Tgt Ion: 65 Resp: 129368

Ion Ratio Lower Upper

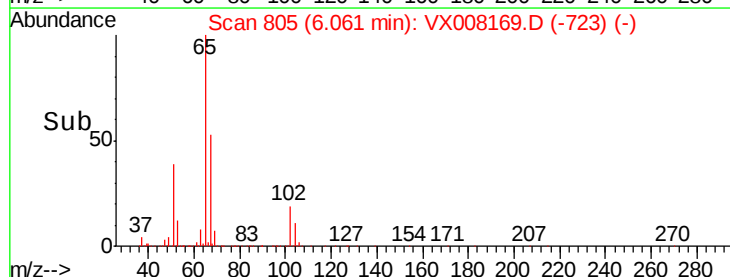
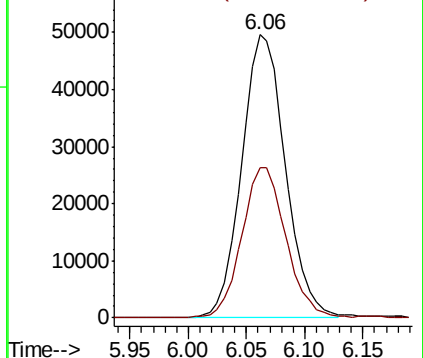
65 100

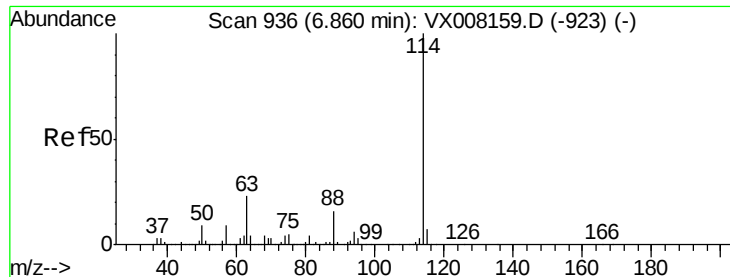
67 53.8 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008169.D

Acq: 18 Mar 2019 16:55

Instrument :

MSVOA_X

ClientSampleId :

TB-3-15-19

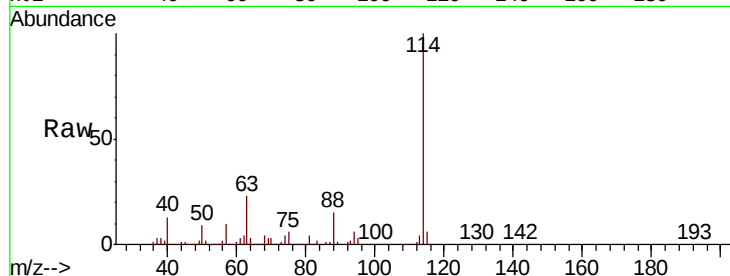
Tot Ion:114 Resp: 278077

Ion Ratio Lower Upper

114 100

63 23.1 14.2 21.4#

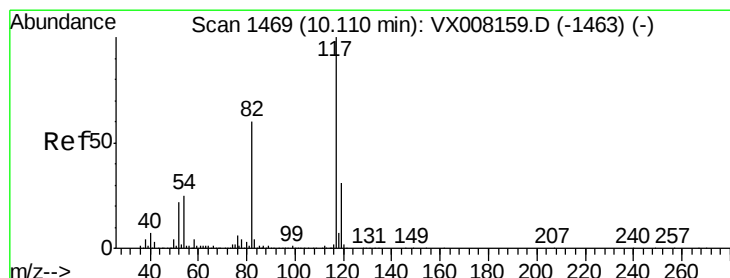
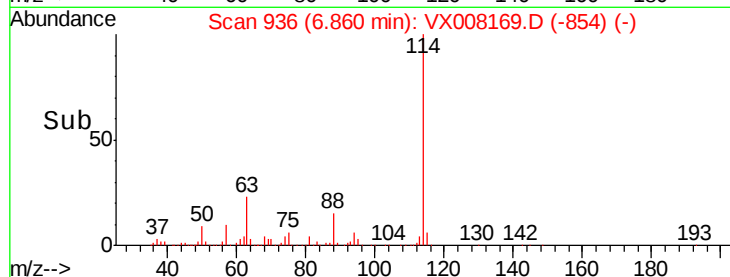
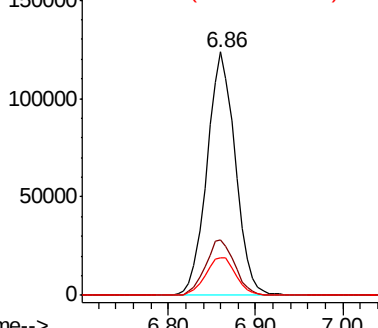
88 16.7 11.9 17.9



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008169.D

Acq: 18 Mar 2019 16:55

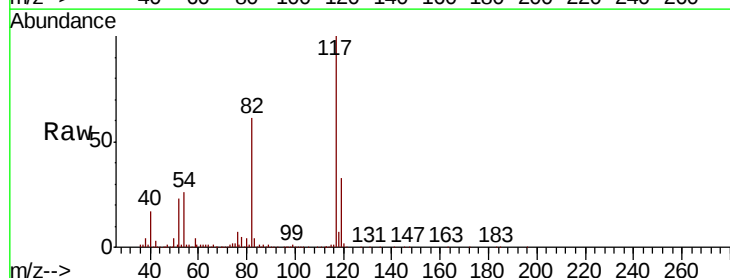
Tgt Ion:117 Resp: 235864

Ion Ratio Lower Upper

117 100

82 59.9 40.4 60.6

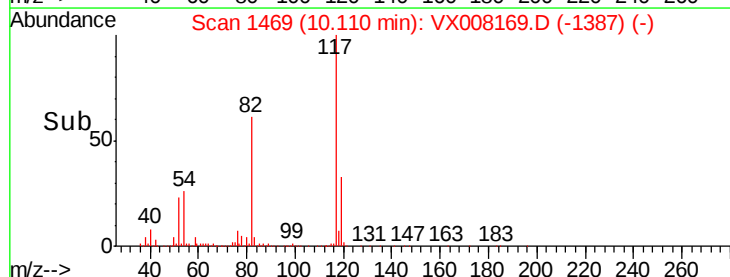
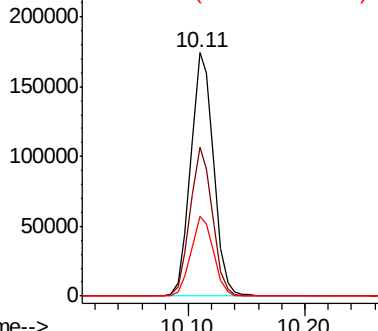
119 32.1 25.8 38.6

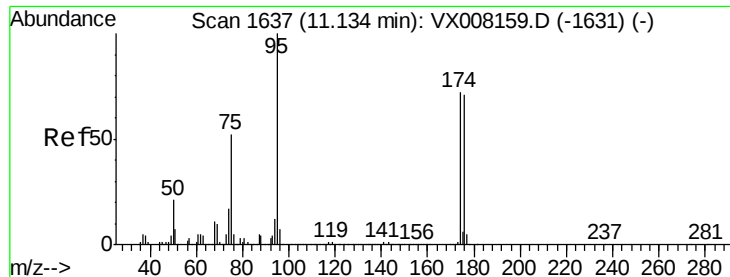


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

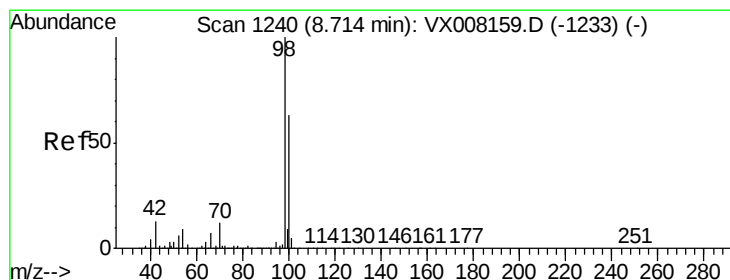
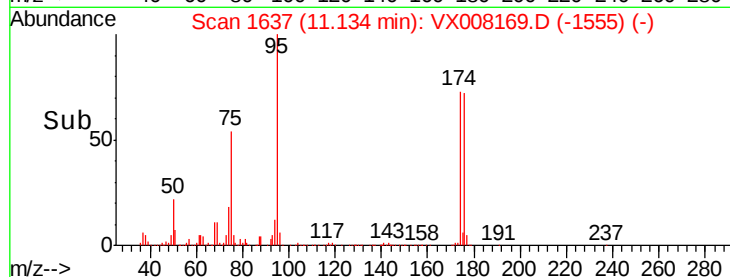
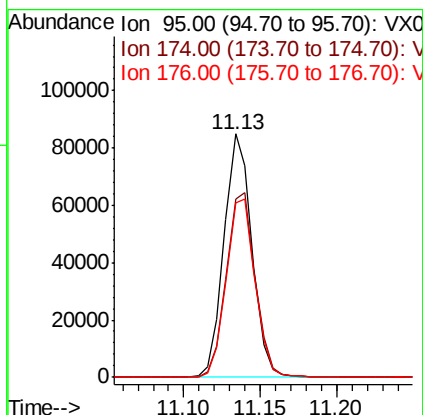
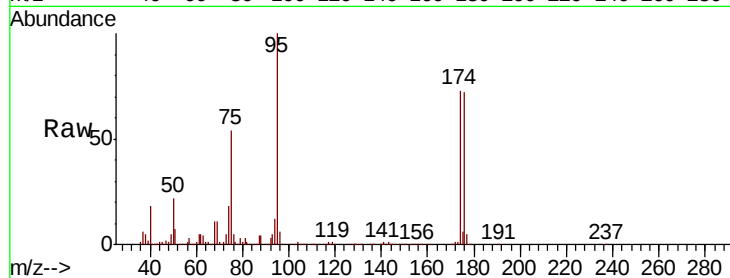




#60
4-Bromofluorobenzene
Concen: 27.154 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008169.D
Acq: 18 Mar 2019 16:55

Instrument :
MSVOA_X
ClientSampled :
TB-3-15-19

Tot Ion: 95 Resp: 106890
Ion Ratio Lower Upper
95 100
174 79.0 74.9 112.3
176 76.1 70.7 106.1



#63
Toluene-d8
Concen: 30.417 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008169.D
Acq: 18 Mar 2019 16:55

Tgt Ion: 98 Resp: 348580
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3

