

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011520\
 Data File : VX014623.D
 Acq On : 15 Jan 2020 17:01
 Operator : JC/SP
 Sample : L1135-01 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TE-MW-A-1

Quant Time: Jan 16 02:58:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	75035	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	401722	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	352162	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	159739	30.29	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.97%
60) 4-Bromofluorobenzene	11.13	95	155200	27.54	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.80%
63) Toluene-d8	8.71	98	483258	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

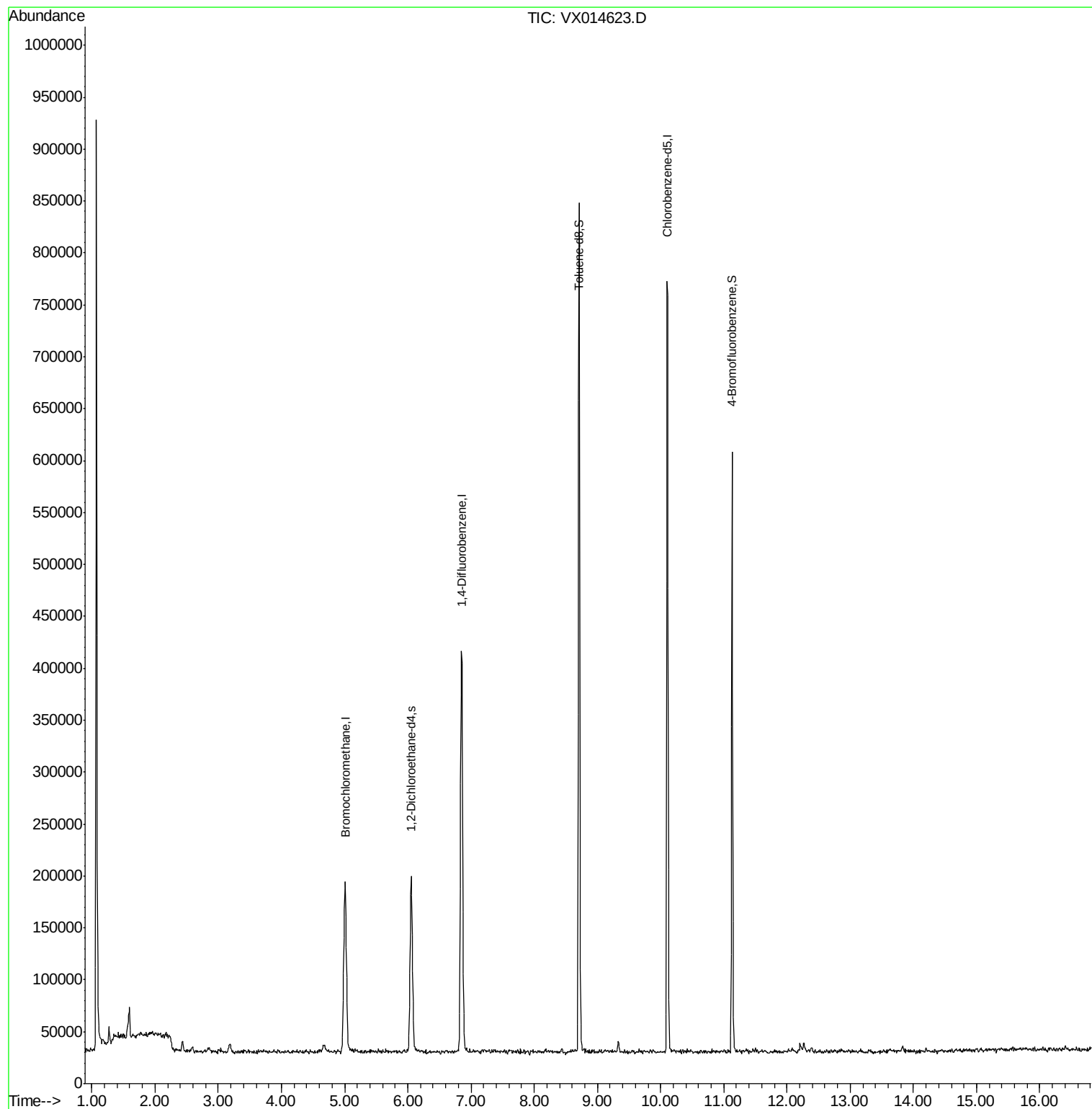
Target Compounds	Ovalue

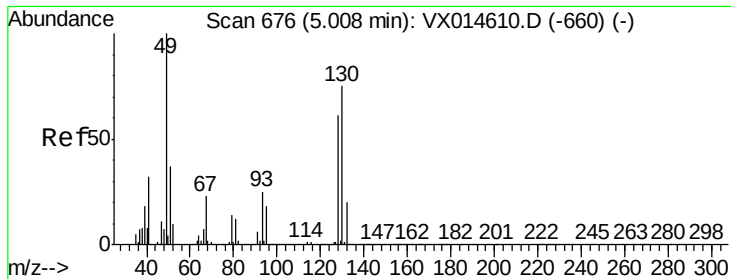
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX014623.D

Acq: 15 Jan 2020 17:01

Instrument :

MSVOA_X

ClientSampled :

TE-MW-A-1

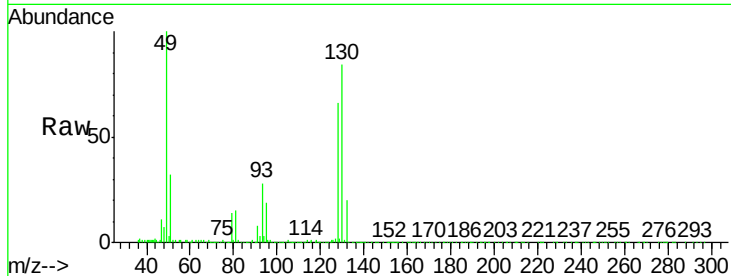
Tot Ion:128 Resp: 75035

Ion Ratio Lower Upper

128 100

49 159.1 0.0 405.0

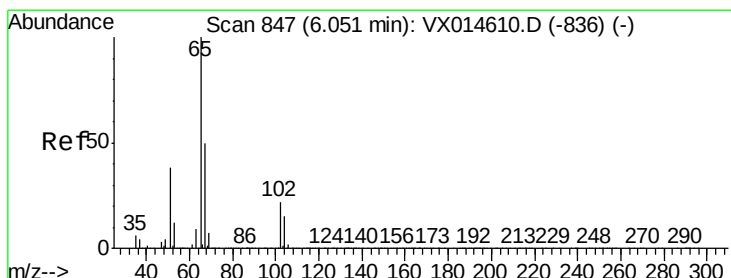
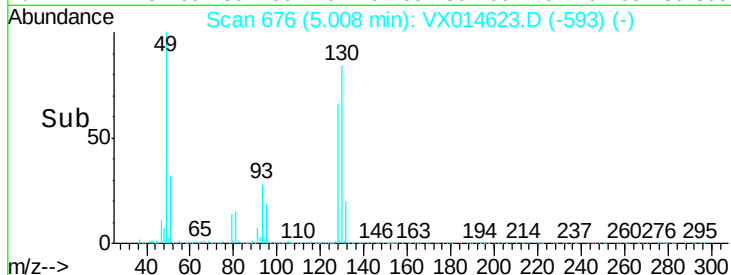
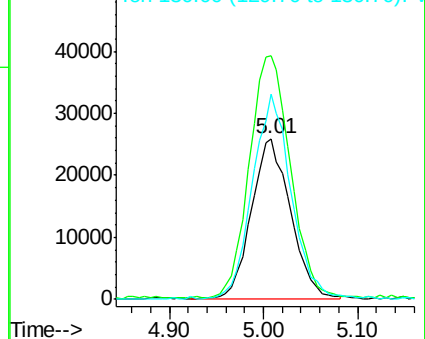
130 127.2 0.0 321.5



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: 30.287 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014623.D

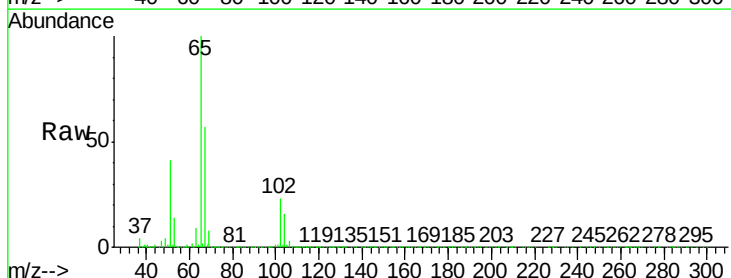
Acq: 15 Jan 2020 17:01

Tgt Ion: 65 Resp: 159739

Ion Ratio Lower Upper

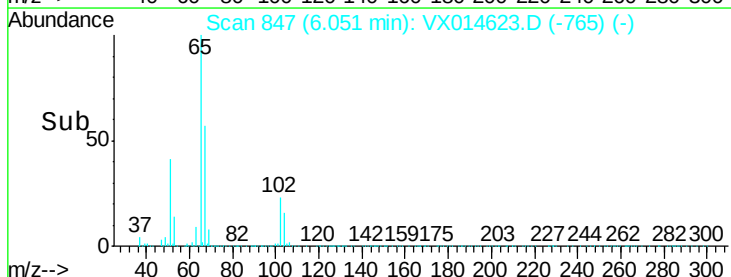
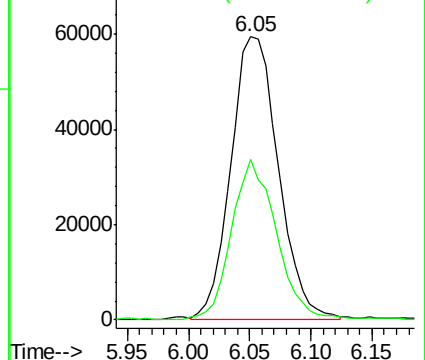
65 100

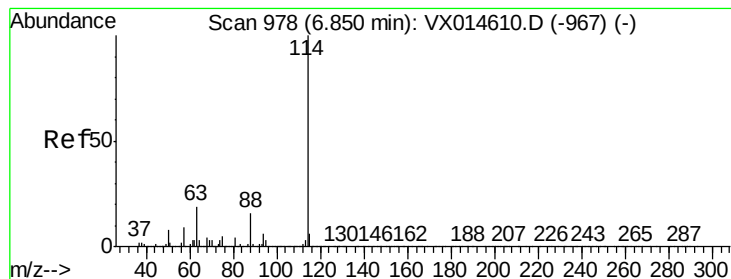
67 53.0 43.1 64.7



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014623.D

Acq: 15 Jan 2020 17:01

Instrument :

MSVOA_X

ClientSampleId :

TE-MW-A-1

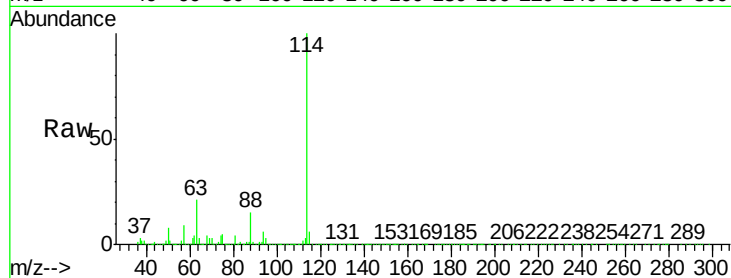
Tot Ion:114 Resp: 401722

Ion Ratio Lower Upper

114 100

63 20.8 16.1 24.1

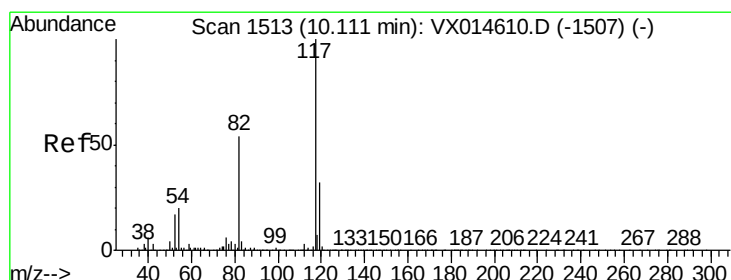
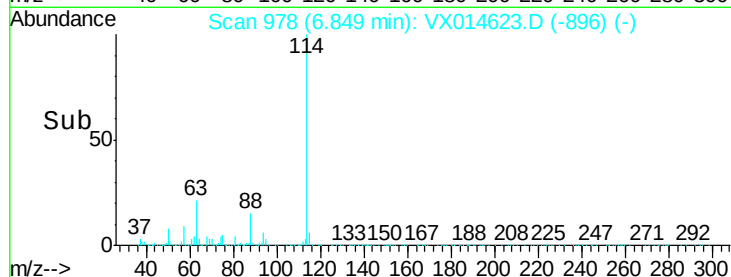
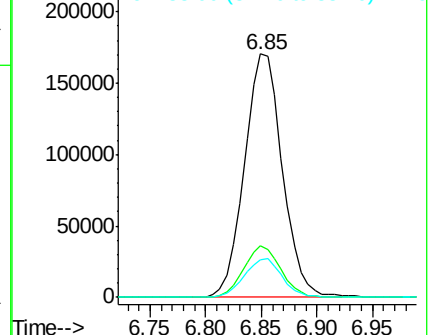
88 15.9 12.5 18.7



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# 1513

Delta R.T. -0.00 min

Lab File: VX014623.D

Acq: 15 Jan 2020 17:01

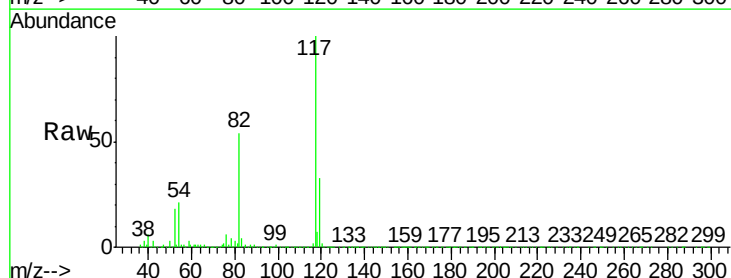
Tgt Ion:117 Resp: 352162

Ion Ratio Lower Upper

117 100

82 54.8 43.8 65.6

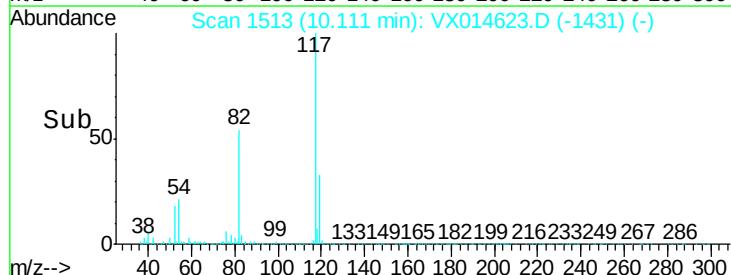
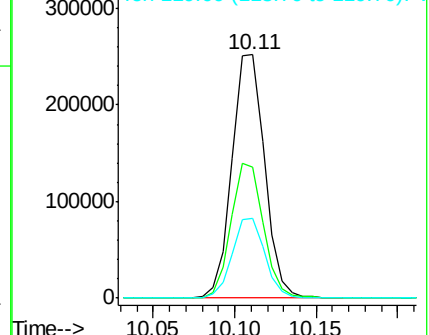
119 32.7 25.8 38.6

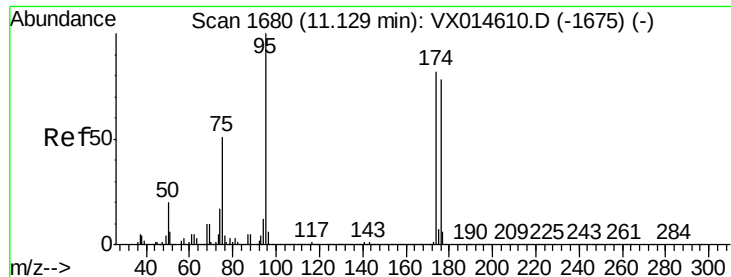


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

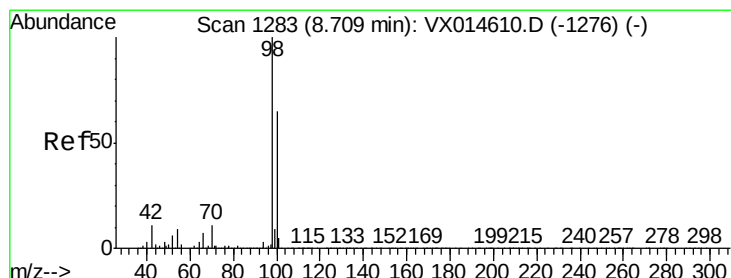
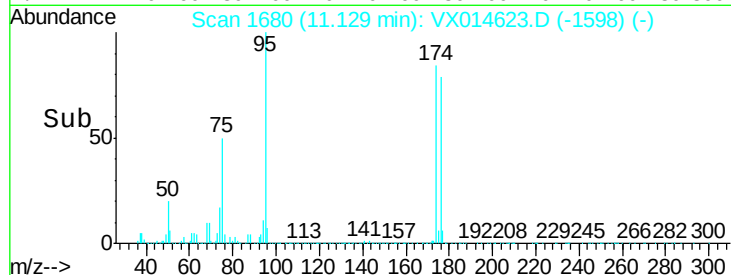
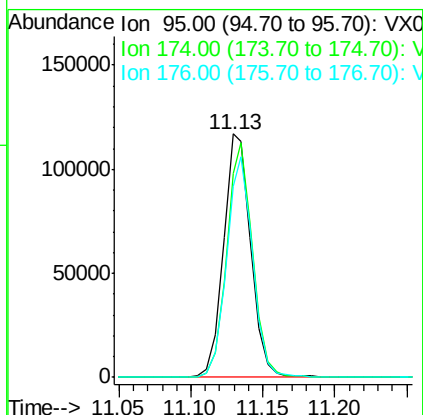
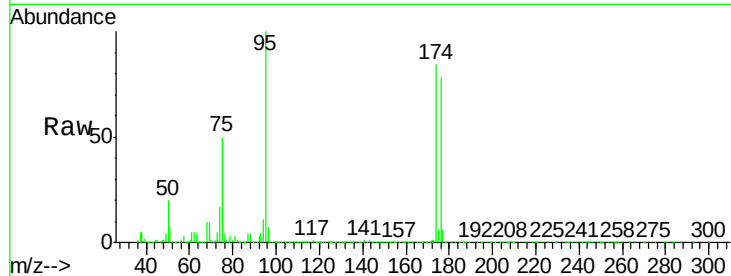




#60
4-Bromofluorobenzene
Concen: 27.541 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014623.D
Acq: 15 Jan 2020 17:01

Instrument :
MSVOA_X
ClientSampleId :
TE-MW-A-1

Tot Ion	Ratio	Lower	Upper
95	100		
174	91.3	70.2	105.2
176	86.7	68.3	102.5



#63
Toluene-d8
Concen: 30.380 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014623.D
Acq: 15 Jan 2020 17:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.2	78.2

