

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014070.D
 Acq On : 17 Dec 2019 23:58
 Operator : JC/SP
 Sample : VX1217WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBL02

Quant Time: Dec 18 08:08:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	94444	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.85	114	527468	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	458702	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	204640	30.26	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.87%
60) 4-Bromofluorobenzene	11.14	95	199806	26.98	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.93%
63) Toluene-d8	8.71	98	630124	30.73	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.43%

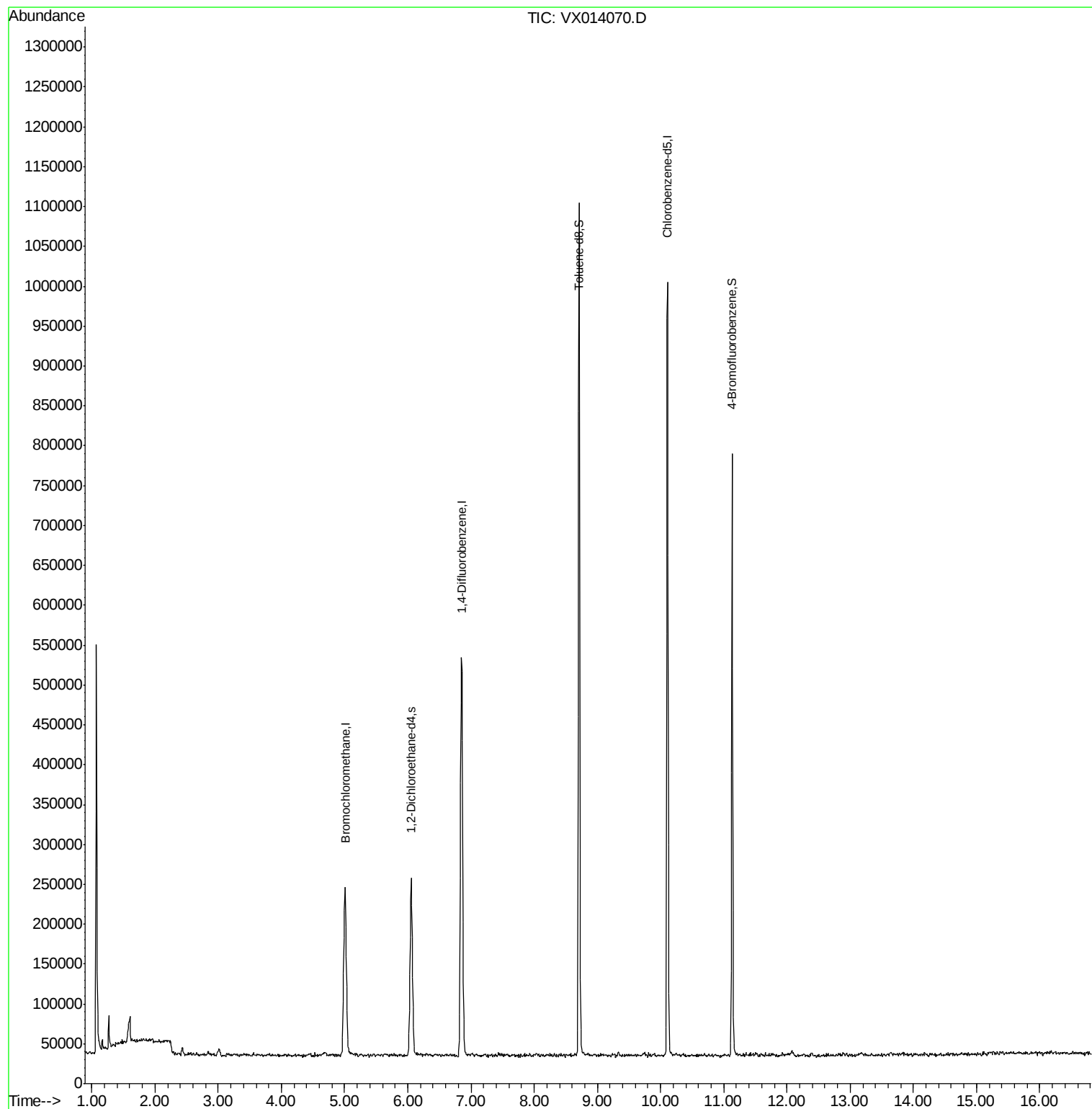
Target Compounds	Ovalue

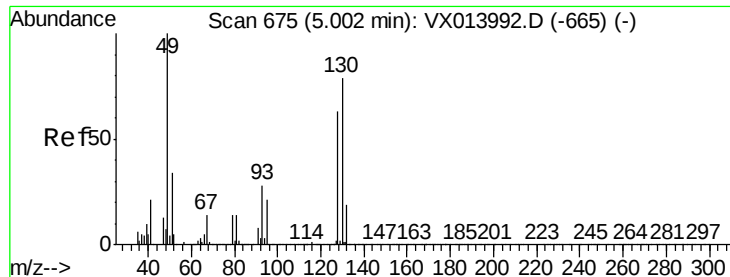
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 13 01:35:34 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX014070.D

Acq: 17 Dec 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBL02

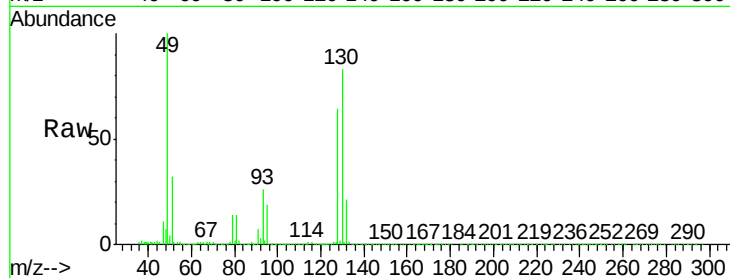
Tot Ion:128 Resp: 94444

Ion Ratio Lower Upper

128 100

49 163.5 0.0 405.0

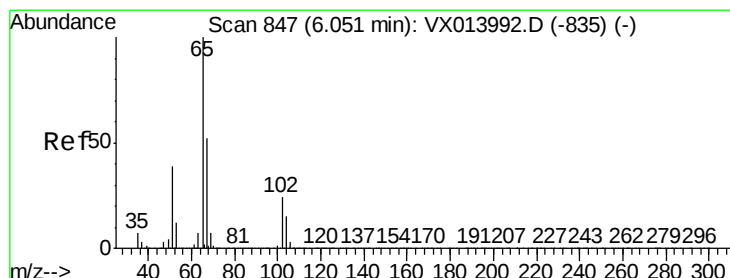
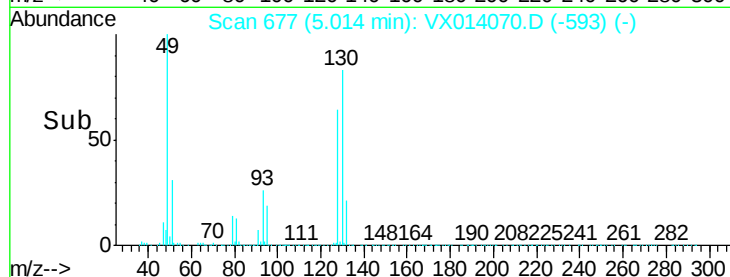
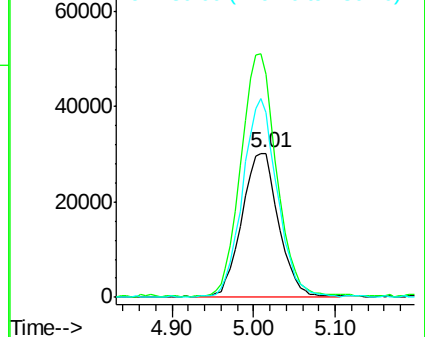
130 129.8 0.0 321.5



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: 30.255 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014070.D

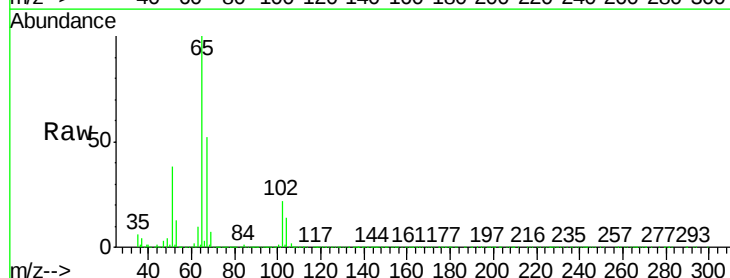
Acq: 17 Dec 2019 23:58

Tgt Ion: 65 Resp: 204640

Ion Ratio Lower Upper

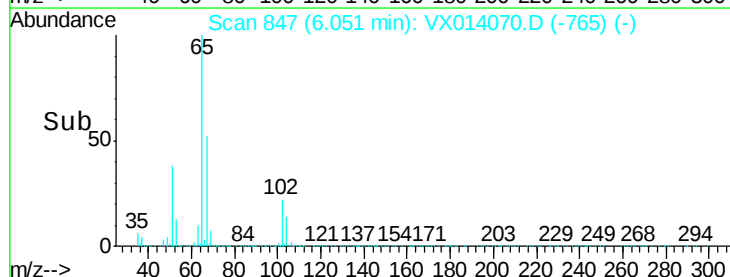
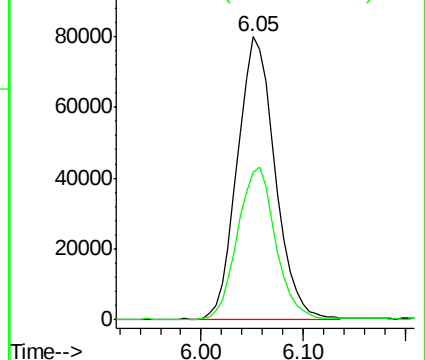
65 100

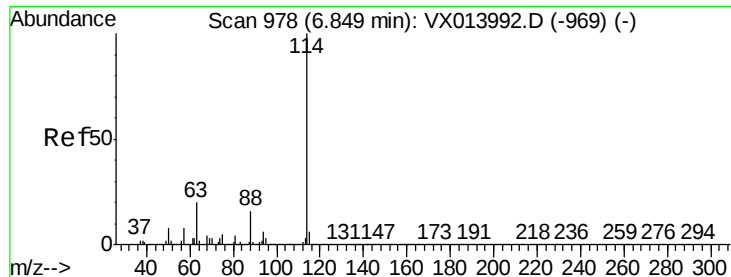
67 54.2 43.1 64.7



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: VX014070.D

Acq: 17 Dec 2019 23:58

Instrument :

MSVOA_X

ClientSampleId :

VX1217WBL02

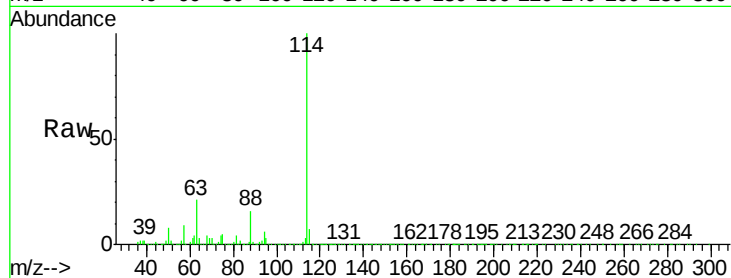
Tot Ion:114 Resp: 527468

Ion Ratio Lower Upper

114 100

63 20.3 16.1 24.1

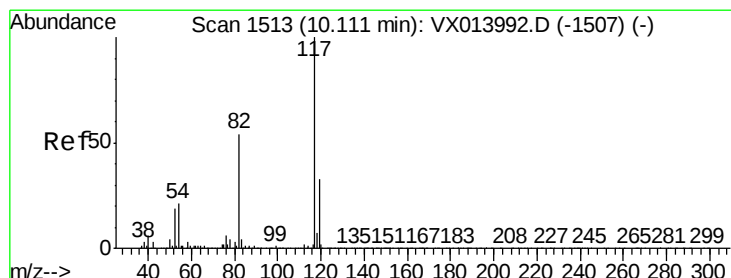
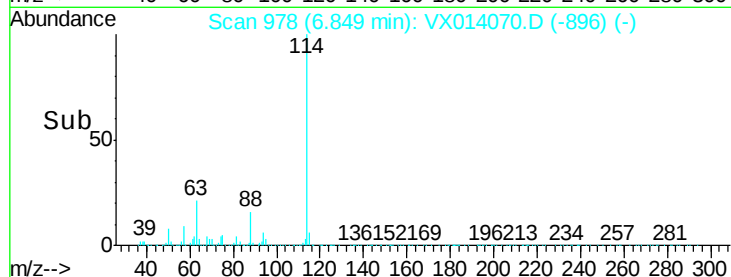
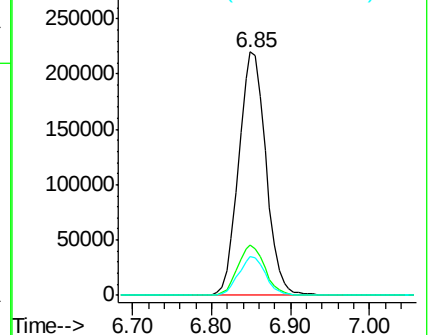
88 15.5 12.5 18.7



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: VX014070.D

Acq: 17 Dec 2019 23:58

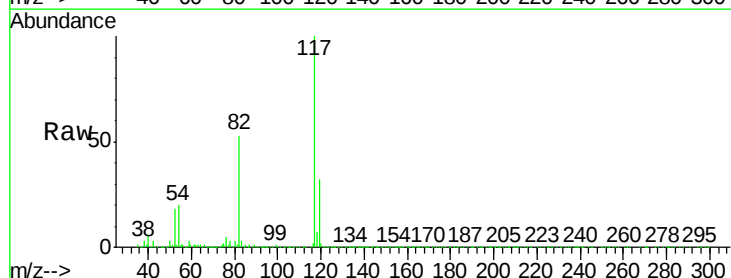
Tgt Ion:117 Resp: 458702

Ion Ratio Lower Upper

117 100

82 54.0 43.8 65.6

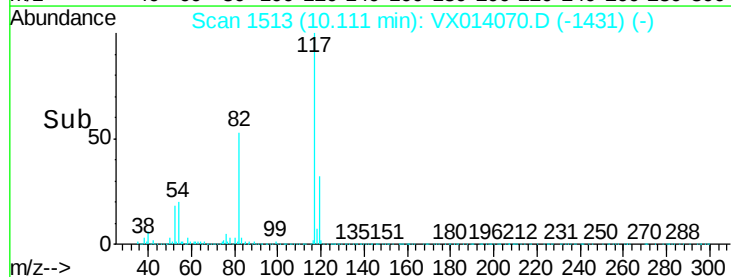
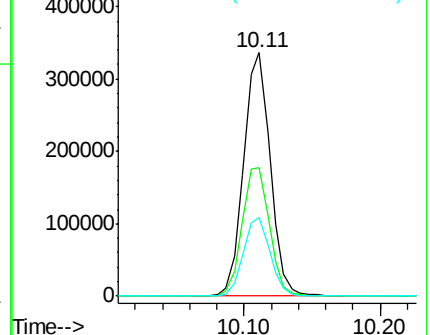
119 32.2 25.8 38.6

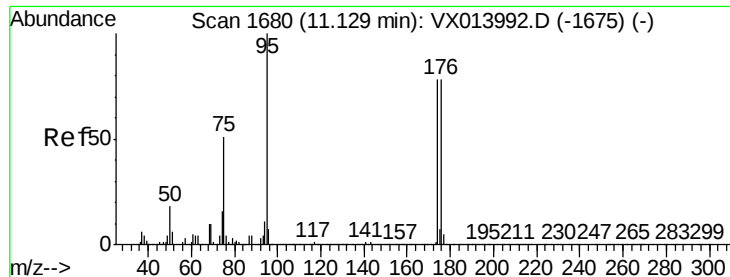


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

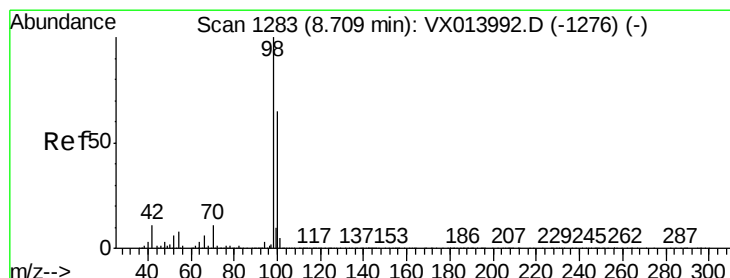
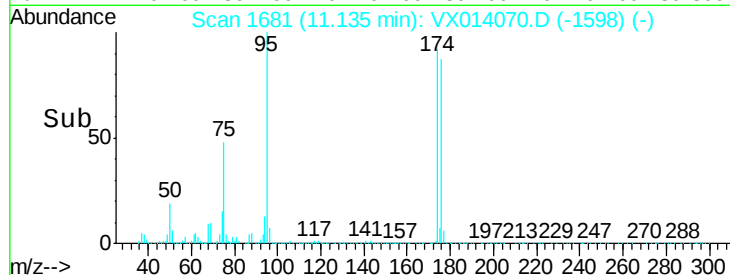
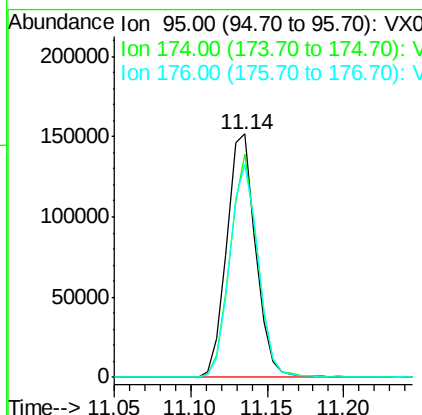
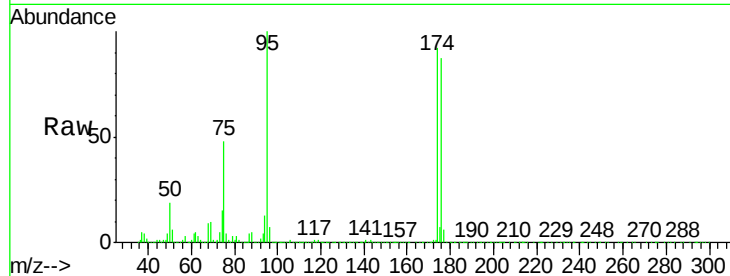




#60
4-Bromofluorobenzene
Concen: 26.975 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014070.D
Acq: 17 Dec 2019 23:58

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Tot Ion	Ratio	Lower	Upper
95	100		
174	87.1	70.2	105.2
176	84.9	68.3	102.5



#63
Toluene-d8
Concen: 30.733 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014070.D
Acq: 17 Dec 2019 23:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.2	78.2

