

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003211.D
 Acq On : 06 Jul 2018 12:58
 Operator : JC/MD
 Sample : VX0706WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBL03

Quant Time: Jul 06 14:24:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	58715	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	279835	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	253200	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	116625	26.01	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	86.70%
60) 4-Bromofluorobenzene	11.14	95	111705	26.71	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.03%
63) Toluene-d8	8.72	98	316929	28.65	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.50%

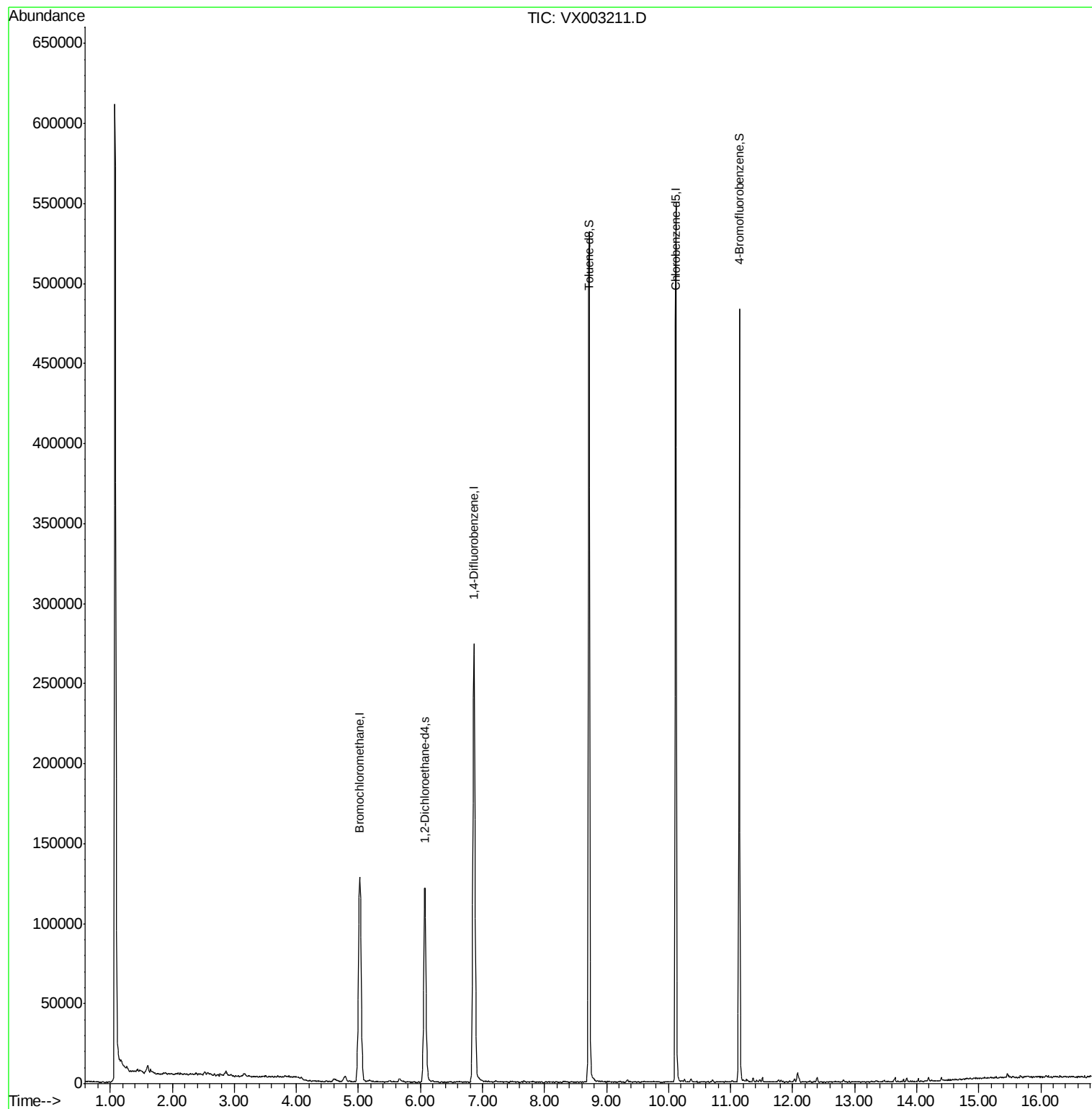
Target Compounds	Ovalue

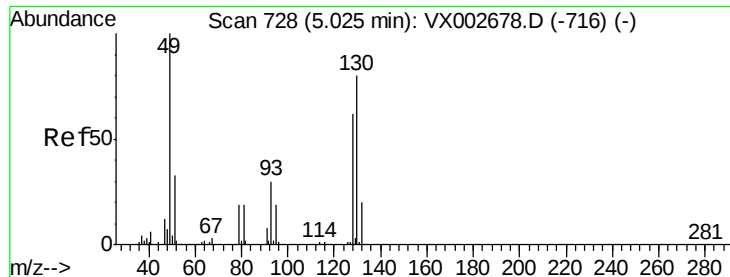
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003211.D

Acq: 06 Jul 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBL03

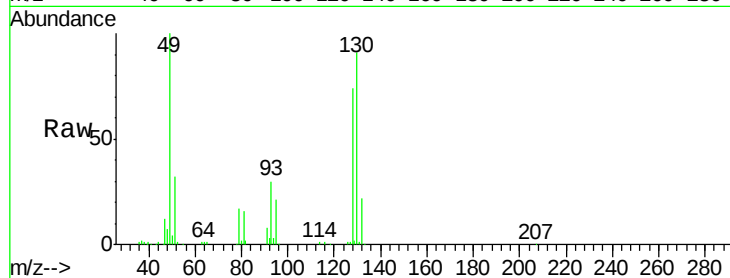
Tot Ion:128 Resp: 58715

Ion Ratio Lower Upper

128 100

49 142.8 0.0 423.0

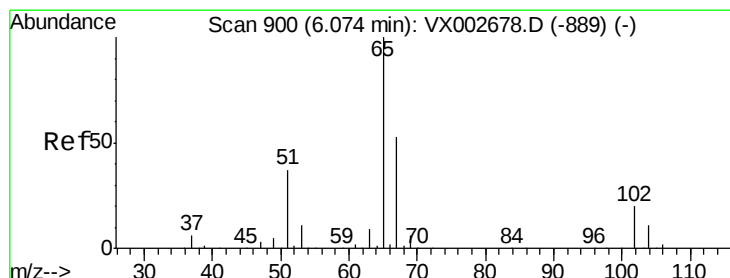
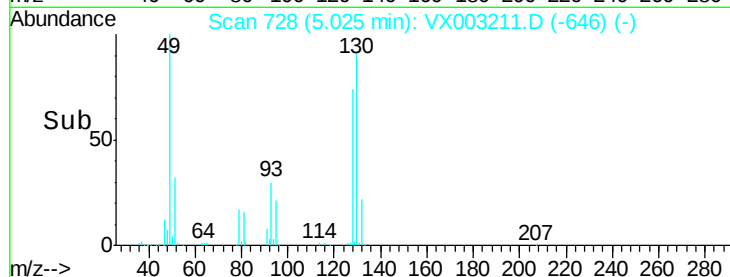
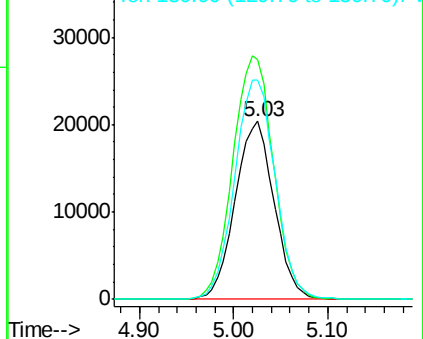
130 128.2 0.0 324.3



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: 26.011 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003211.D

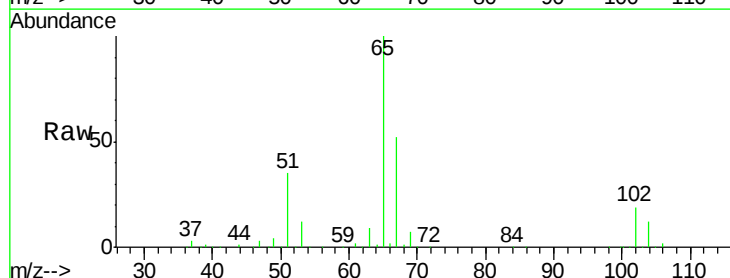
Acq: 06 Jul 2018 12:58

Tgt Ion: 65 Resp: 116625

Ion Ratio Lower Upper

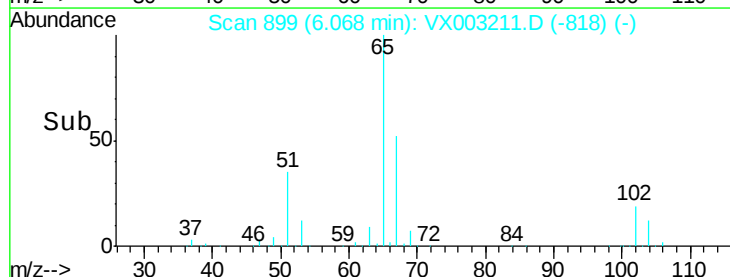
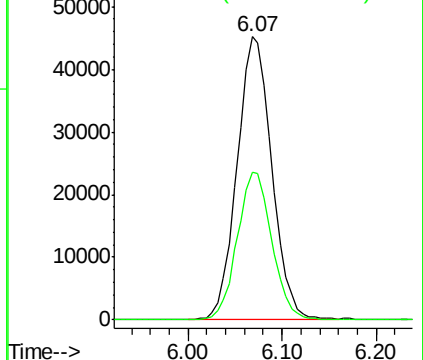
65 100

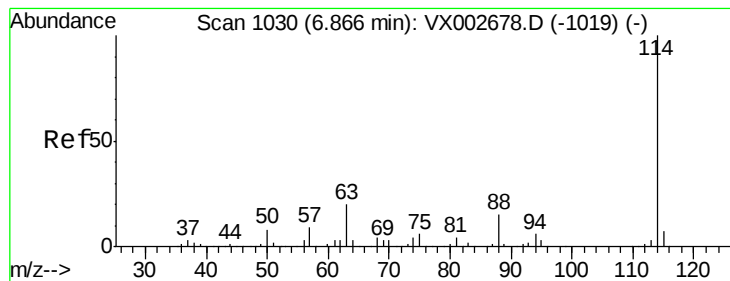
67 51.8 40.9 61.3



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: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003211.D

Acq: 06 Jul 2018 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX0706WBL03

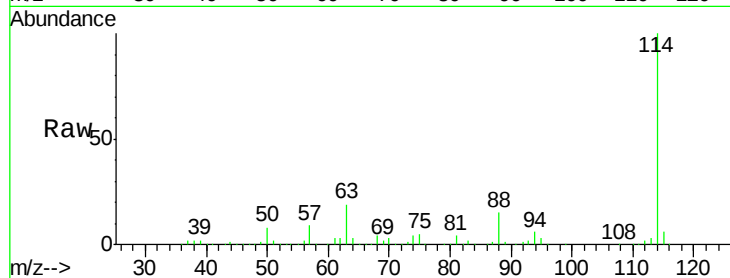
Tot Ion:114 Resp: 279835

Ion Ratio Lower Upper

114 100

63 19.5 17.1 25.7

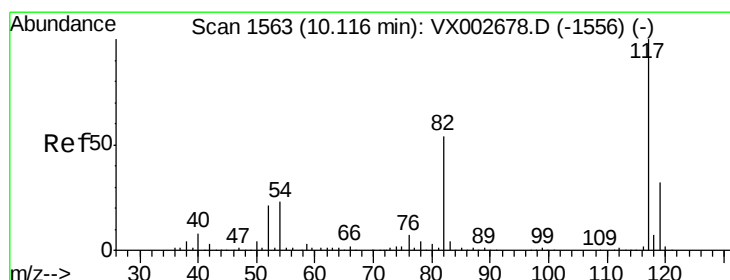
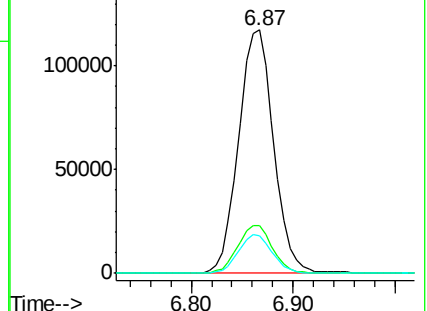
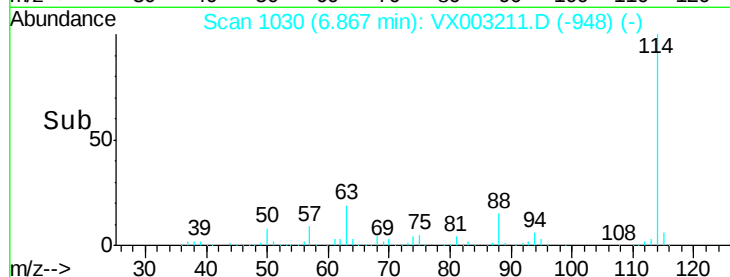
88 15.3 12.6 19.0



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: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003211.D

Acq: 06 Jul 2018 12:58

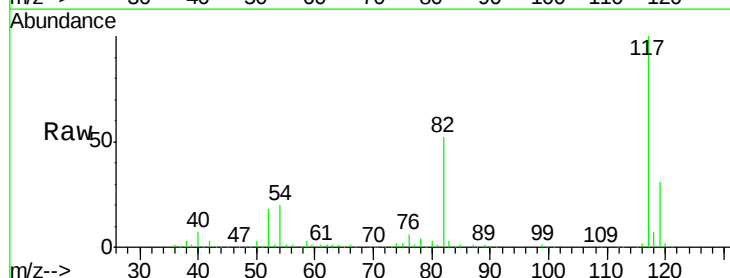
Tgt Ion:117 Resp: 253200

Ion Ratio Lower Upper

117 100

82 52.5 44.3 66.5

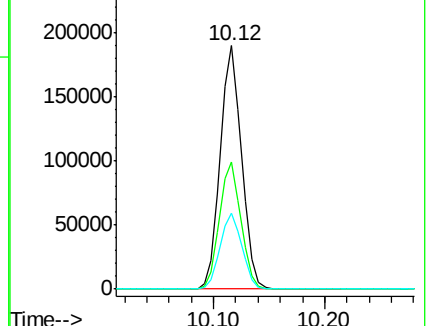
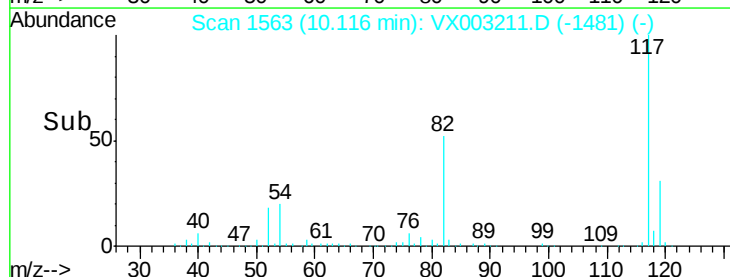
119 31.8 25.7 38.5

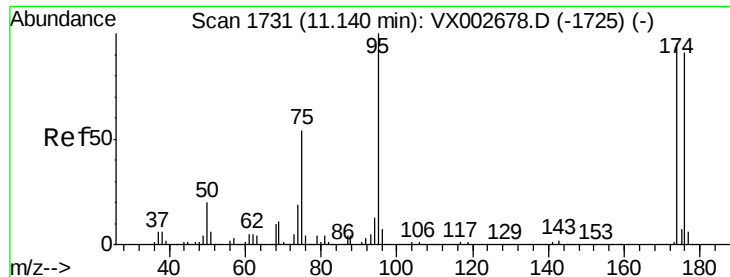


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

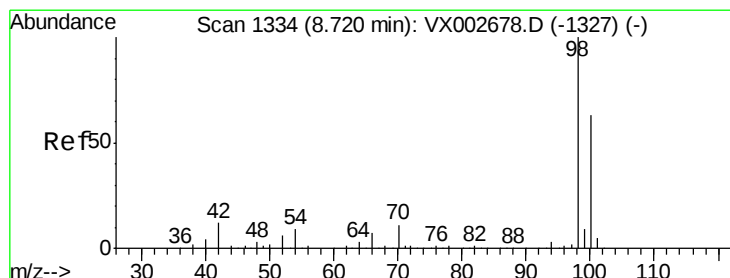
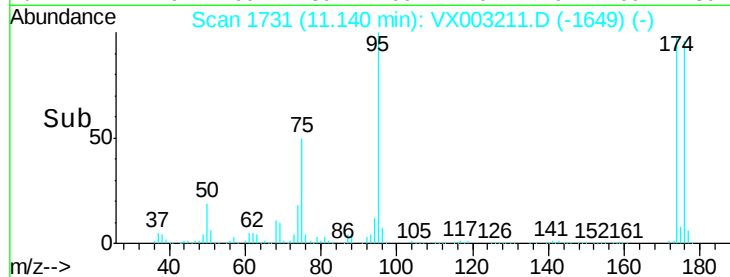
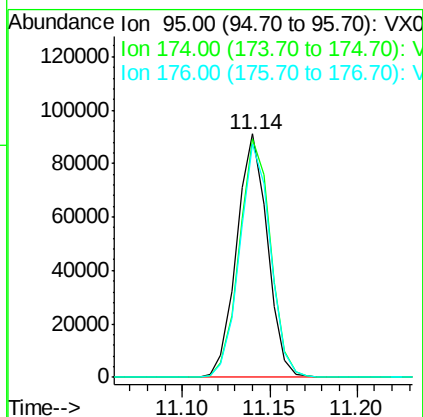
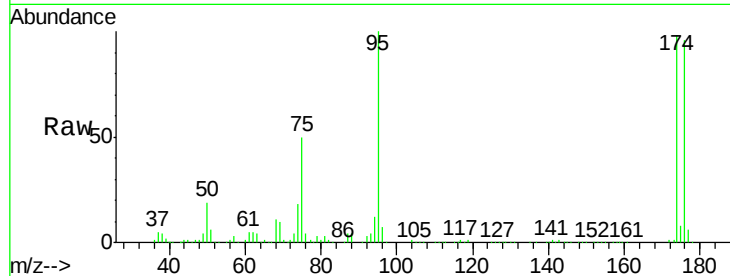




#60
4-Bromofluorobenzene
Concen: 26.712 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003211.D
Acq: 06 Jul 2018 12:58

Instrument :
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VX0706WBL03

Tot Ion: 95 Resp: 111705
Ion Ratio Lower Upper
95 100
174 98.9 71.8 107.6
176 95.8 70.1 105.1



#63
Toluene-d8
Concen: 28.654 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003211.D
Acq: 06 Jul 2018 12:58

Tgt Ion: 98 Resp: 316929
Ion Ratio Lower Upper
98 100
100 64.4 50.8 76.2

