

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041720\
 Data File : VX015732.D
 Acq On : 17 Apr 2020 13:01
 Operator : JC/SP
 Sample : VX0417WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBL01

Quant Time: Apr 20 02:55:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	199538	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	1111852	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	1024373	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	449412	28.82	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.07%
60) 4-Bromofluorobenzene	11.12	95	500197	28.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.10%
63) Toluene-d8	8.70	98	1294436	29.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.13%

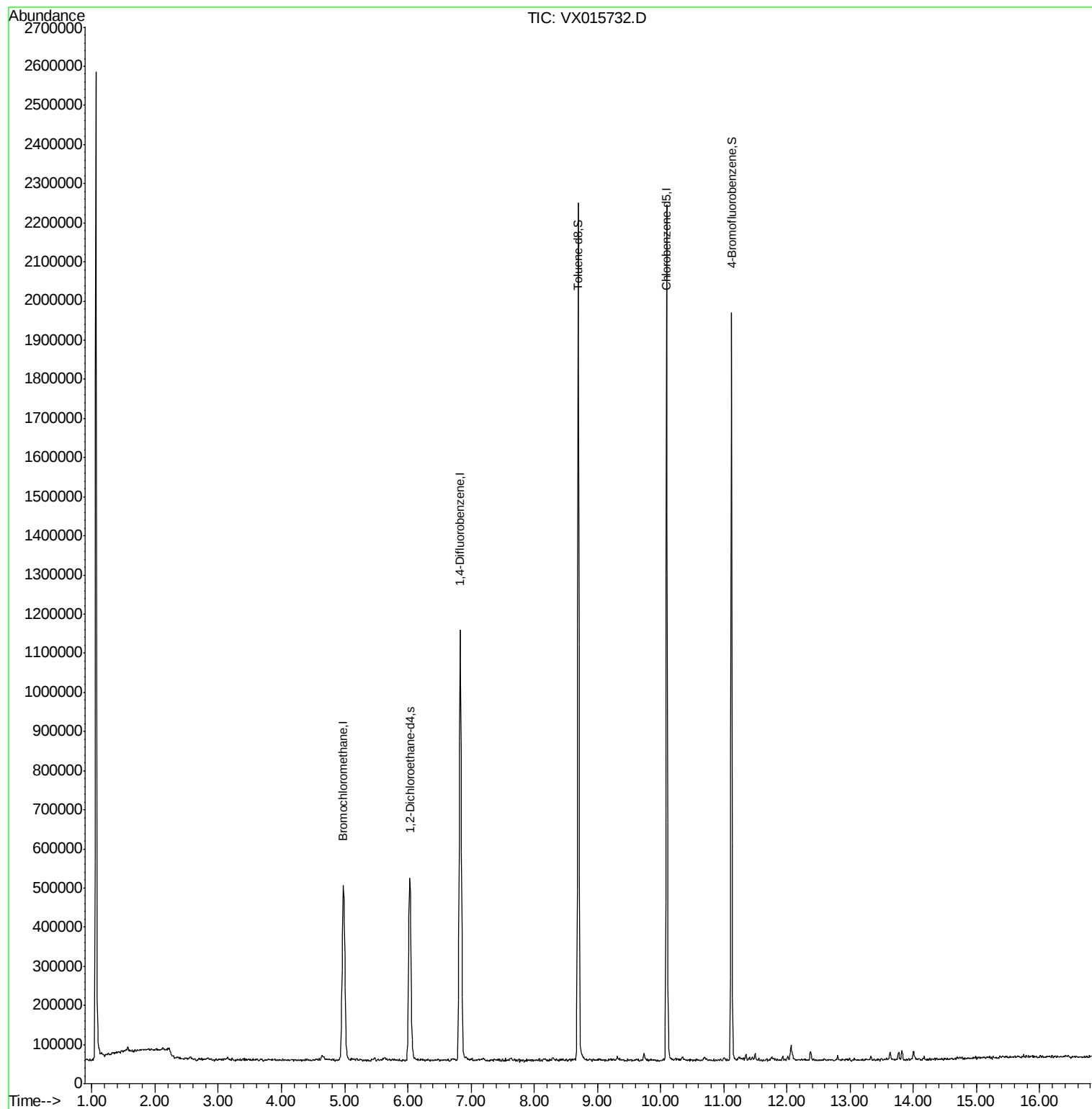
Target Compounds	Ovalue

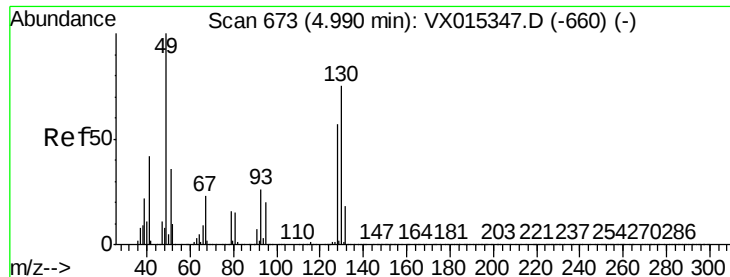
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 26 02:31:53 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX015732.D

Acq: 17 Apr 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBL01

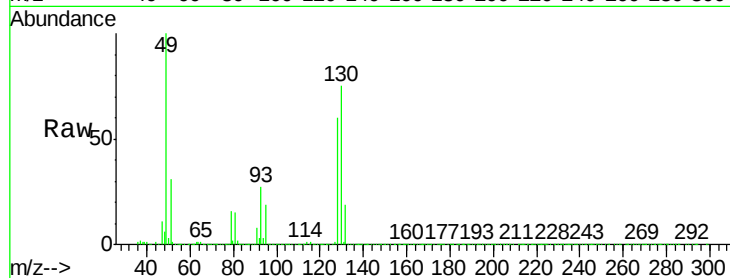
Tot Ion:128 Resp: 199538

Ion Ratio Lower Upper

128 100

49 166.4 0.0 428.0

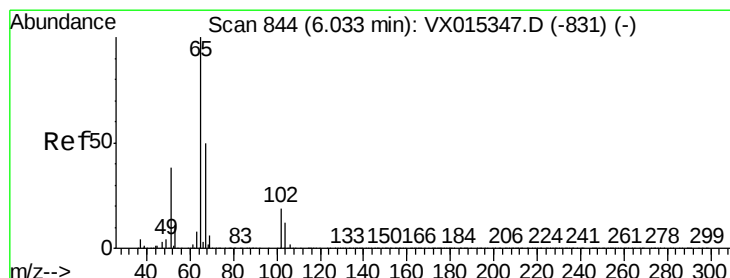
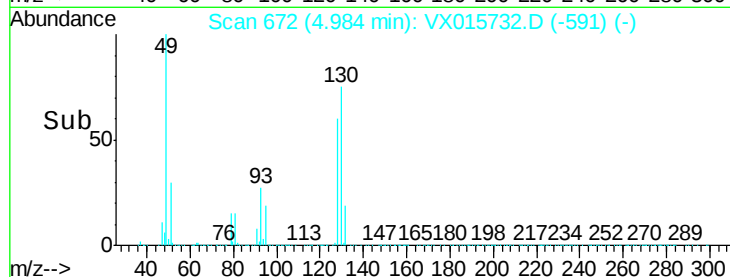
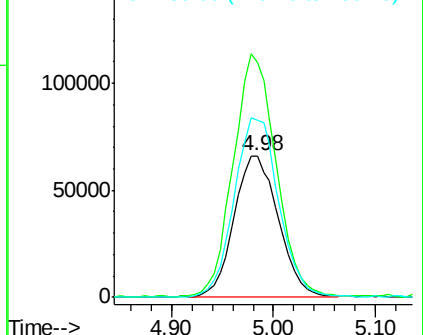
130 127.3 0.0 324.5



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: 28.823 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015732.D

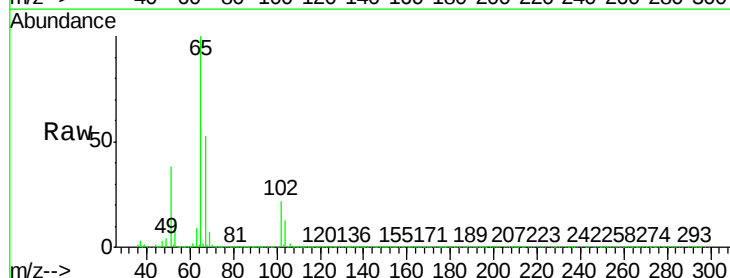
Acq: 17 Apr 2020 13:01

Tgt Ion: 65 Resp: 449412

Ion Ratio Lower Upper

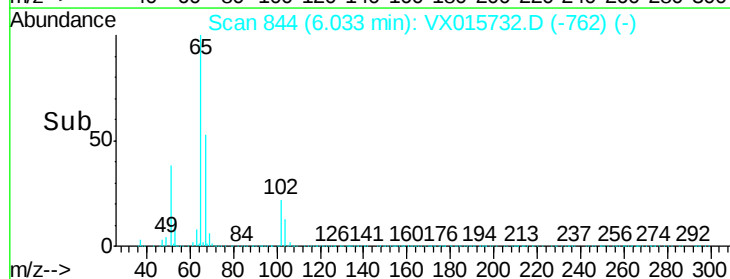
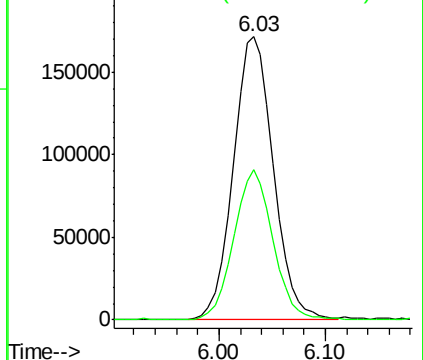
65 100

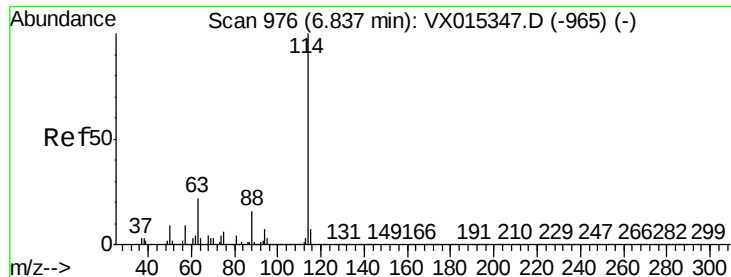
67 52.0 40.9 61.3



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: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015732.D

Acq: 17 Apr 2020 13:01

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBL01

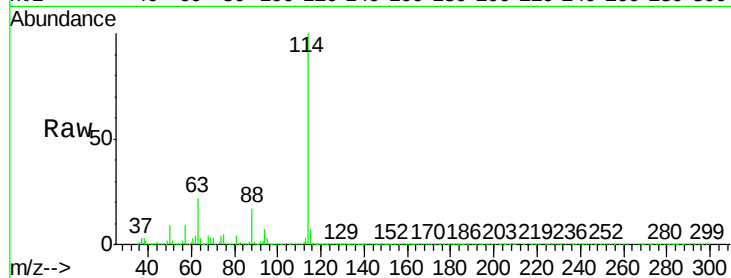
Tot Ion:114 Resp: 1111852

Ion Ratio Lower Upper

114 100

63 21.5 17.4 26.2

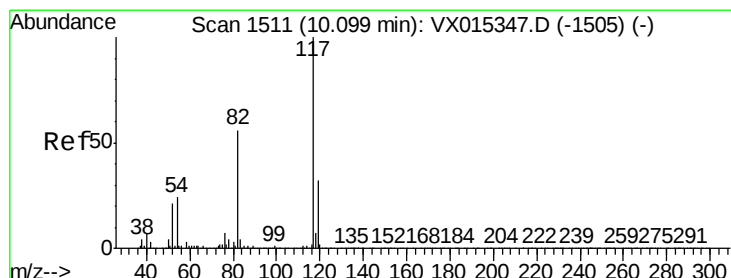
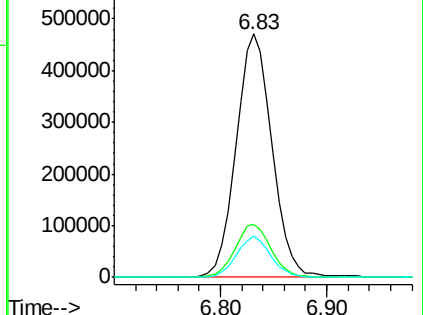
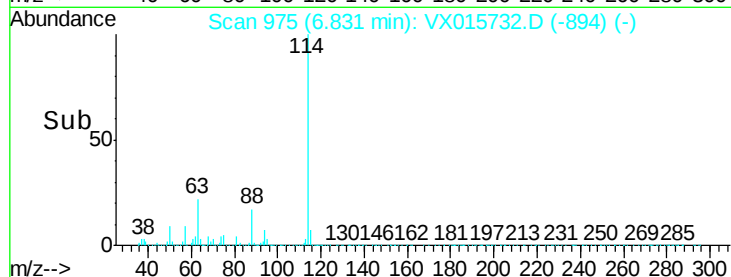
88 16.3 12.9 19.3



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: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015732.D

Acq: 17 Apr 2020 13:01

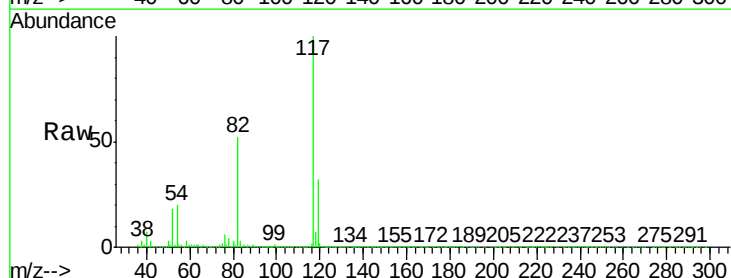
Tgt Ion:117 Resp: 1024373

Ion Ratio Lower Upper

117 100

82 54.2 45.0 67.6

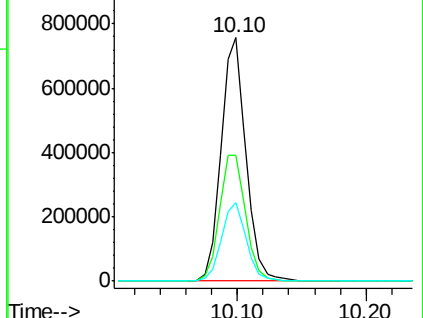
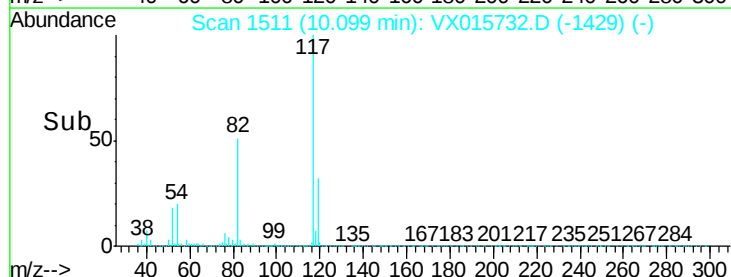
119 32.3 25.5 38.3

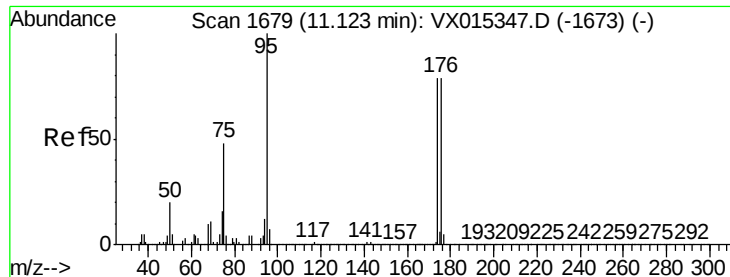


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

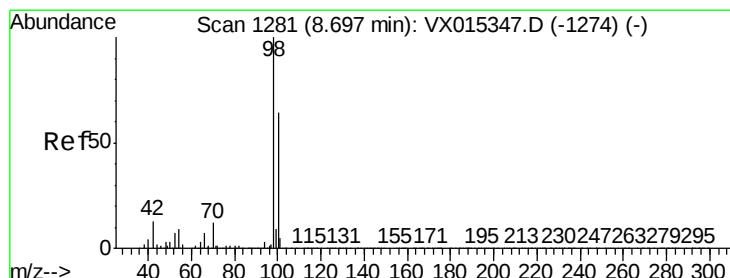
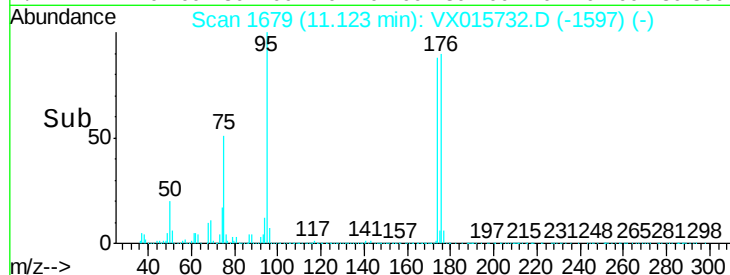
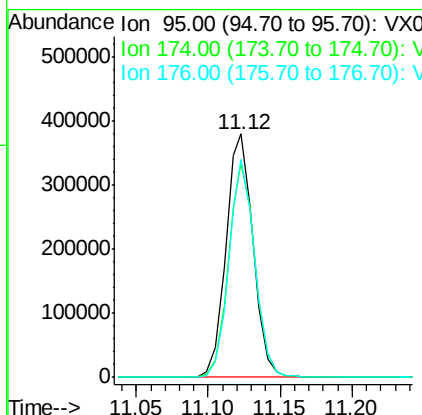
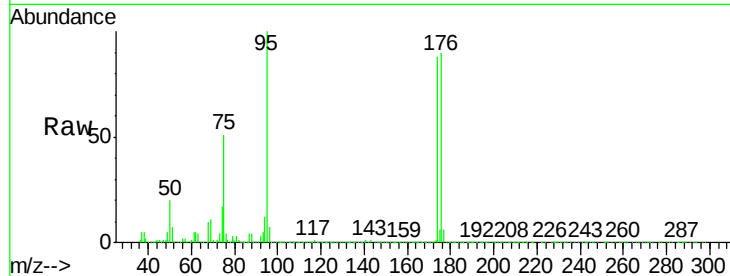




#60
4-Bromofluorobenzene
Concen: 28.532 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015732.D
Acq: 17 Apr 2020 13:01

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Tot Ion	Ratio	Lower	Upper
95	100		
174	86.0	66.4	99.6
176	85.3	64.1	96.1



#63
Toluene-d8
Concen: 29.742 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015732.D
Acq: 17 Apr 2020 13:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.2	78.2

