

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012519\
 Data File : VX007222.D
 Acq On : 25 Jan 2019 11:53
 Operator : JC/SP
 Sample : VX0125WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0125WBL01

Quant Time: Jan 28 10:42:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	84858	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	466787	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	407594	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	171946	30.87	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.90%
60) 4-Bromofluorobenzene	11.13	95	173929	27.65	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.17%
63) Toluene-d8	8.71	98	545206	29.68	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.93%

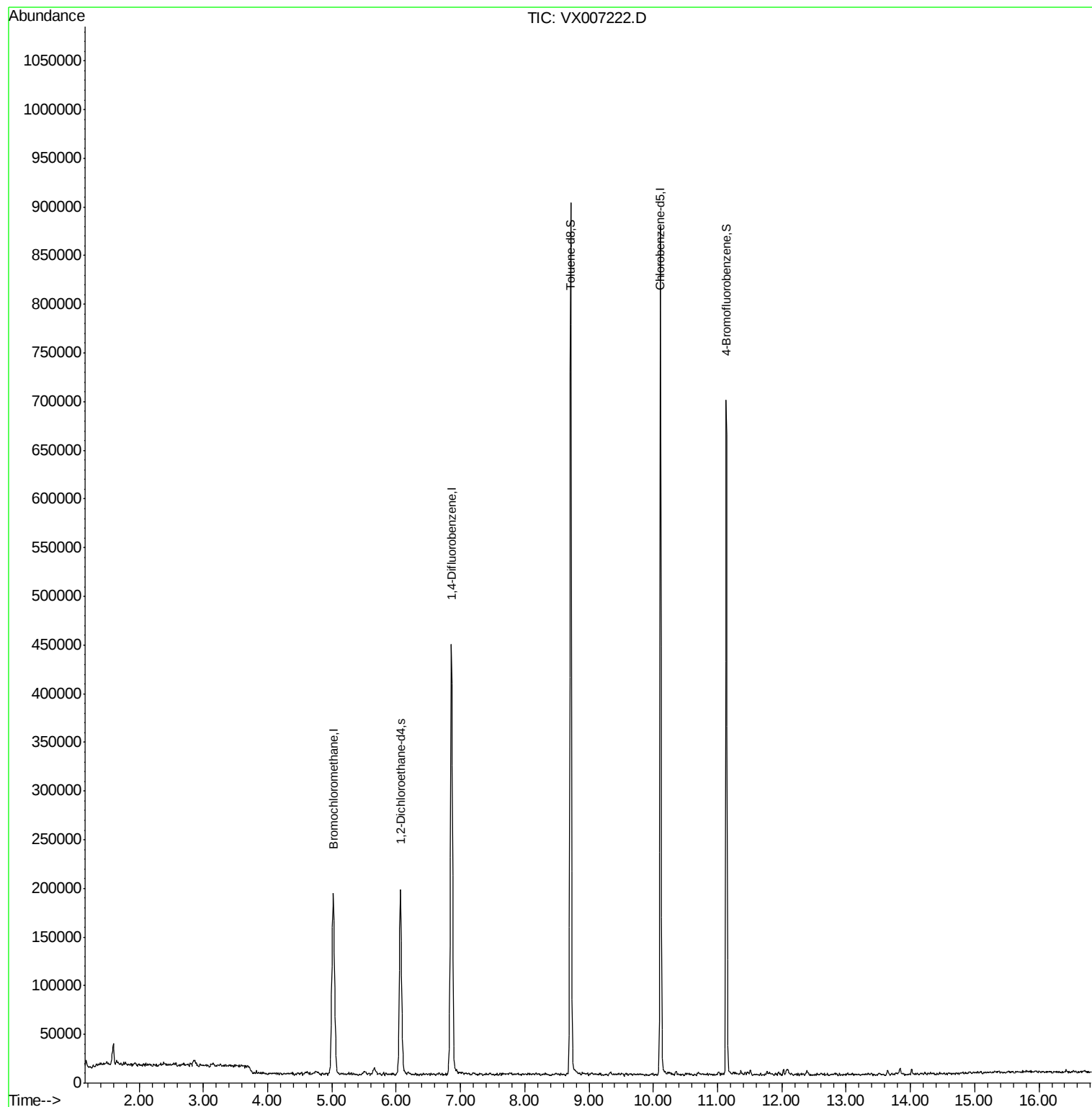
Target Compounds	Ovalue

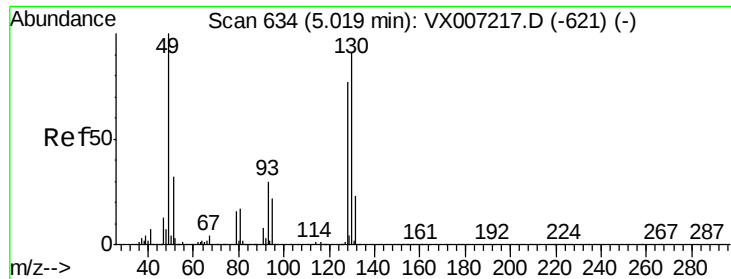
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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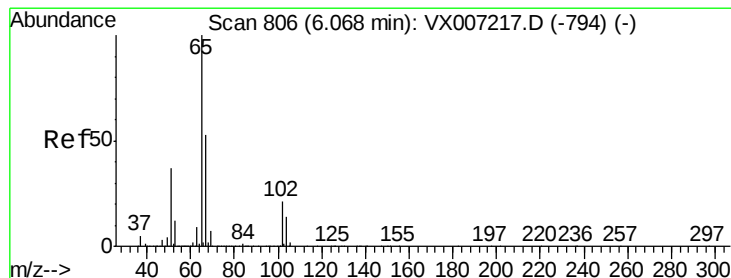
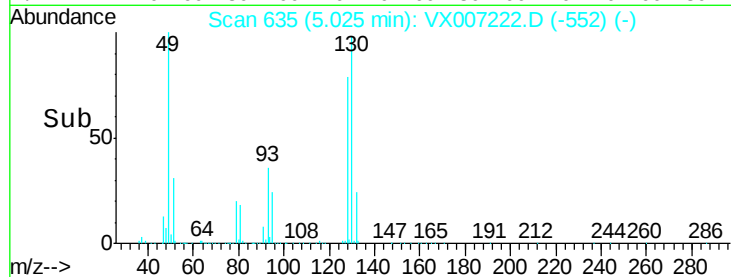
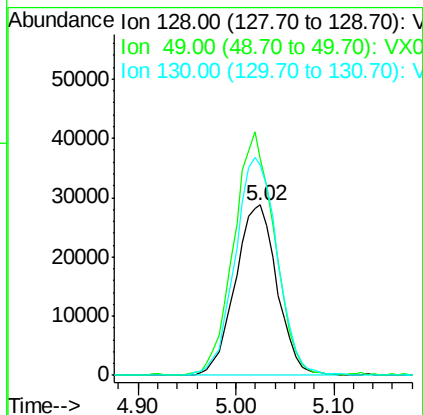
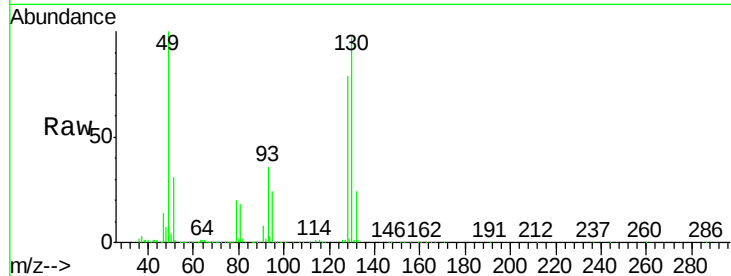


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.02 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX007222.D
 Acq: 25 Jan 2019 11:53

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 ClientSampleId :
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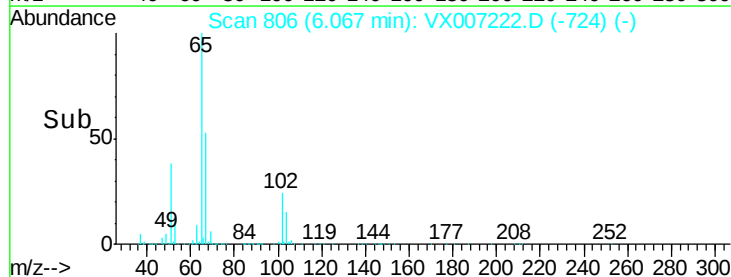
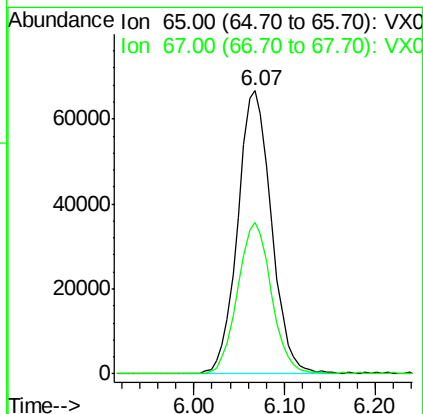
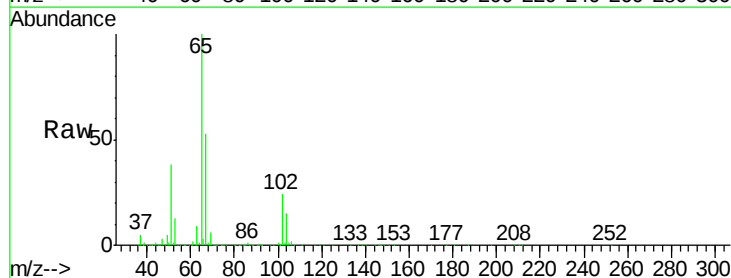
Tot Ion:128 Resp: 84858
 Ion Ratio Lower Upper
 128 100
 49 140.2 0.0 345.5
 130 129.7 0.0 320.0

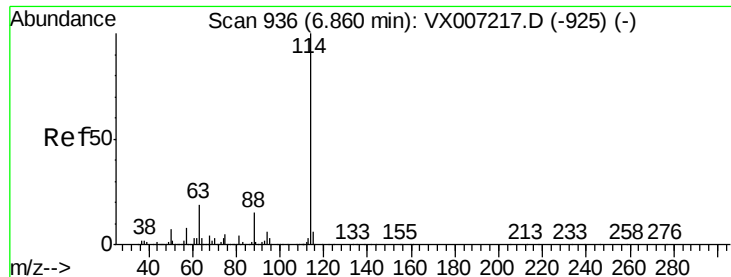


#27

1,2-Dichloroethane-d4
 Concen: 30.868 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007222.D
 Acq: 25 Jan 2019 11:53

Tgt Ion: 65 Resp: 171946
 Ion Ratio Lower Upper
 65 100
 67 53.5 42.0 63.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007222.D

Acq: 25 Jan 2019 11:53

Instrument :

MSVOA_X

ClientSampleId :

VX0125WBL01

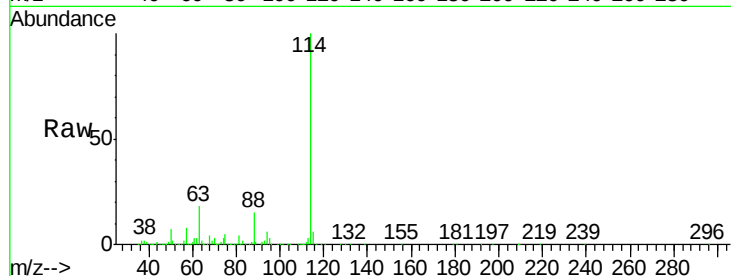
Tot Ion:114 Resp: 466787

Ion Ratio Lower Upper

114 100

63 18.5 14.6 21.8

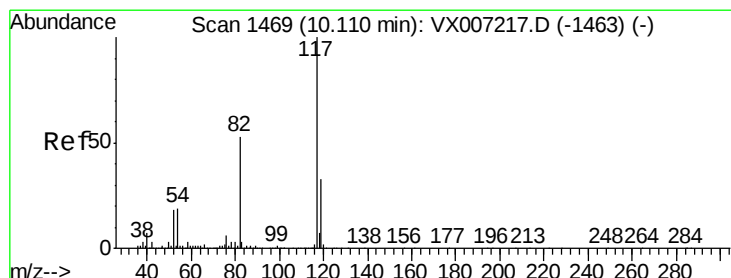
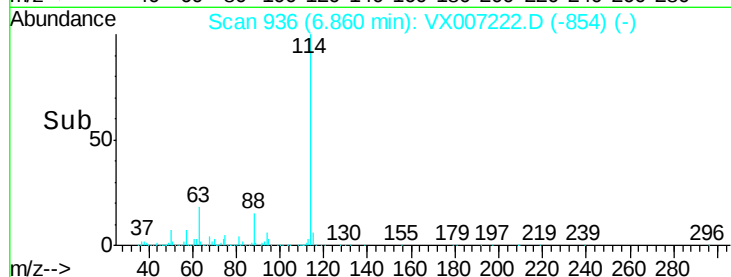
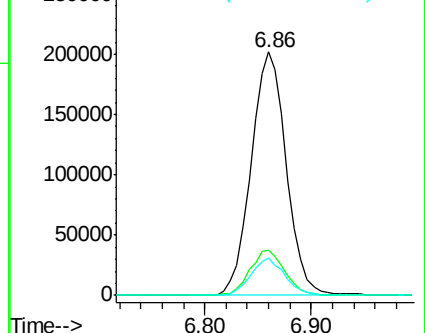
88 14.8 11.8 17.6



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: VX007222.D

Acq: 25 Jan 2019 11:53

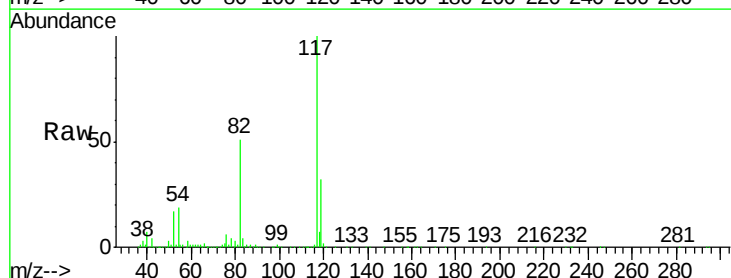
Tgt Ion:117 Resp: 407594

Ion Ratio Lower Upper

117 100

82 51.5 41.4 62.0

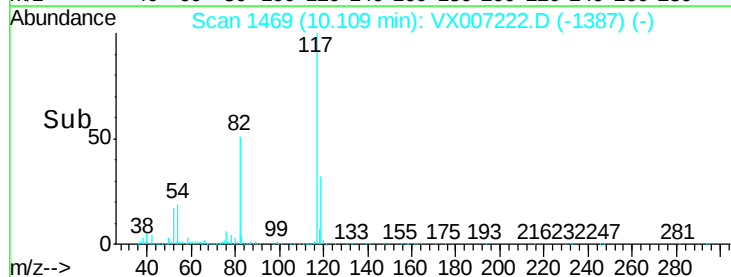
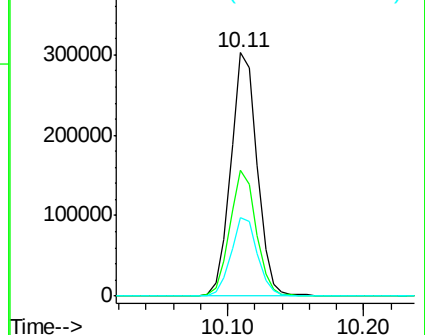
119 32.5 25.7 38.5

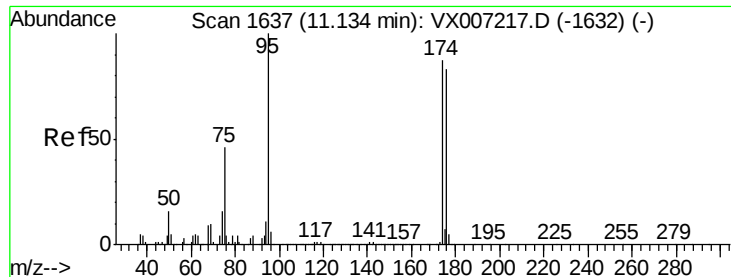


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

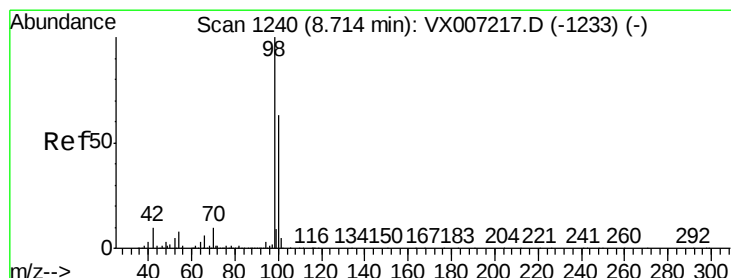
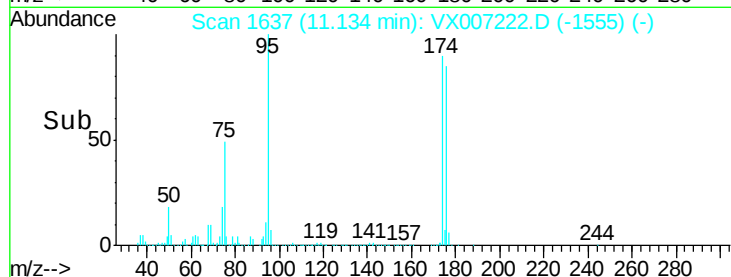
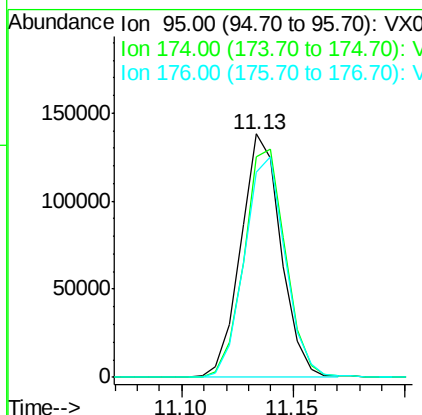
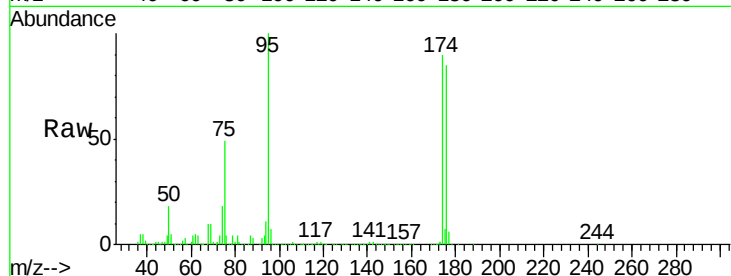




#60
4-Bromofluorobenzene
Concen: 27.648 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007222.D
Acq: 25 Jan 2019 11:53

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Tot Ion	Ratio	Lower	Upper
95	100		
174	96.6	74.8	112.2
176	92.0	72.5	108.7



#63
Toluene-d8
Concen: 29.676 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007222.D
Acq: 25 Jan 2019 11:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	49.9	74.9

