

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021319\
 Data File : VX007505.D
 Acq On : 13 Feb 2019 01:42
 Operator : JC/SP
 Sample : VX0213WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0213WBL01

Quant Time: Feb 13 08:07:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	78296	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	405694	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	345588	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	155167	30.64	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.13%
60) 4-Bromofluorobenzene	11.13	95	148527	28.00	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.33%
63) Toluene-d8	8.71	98	462685	29.62	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.73%

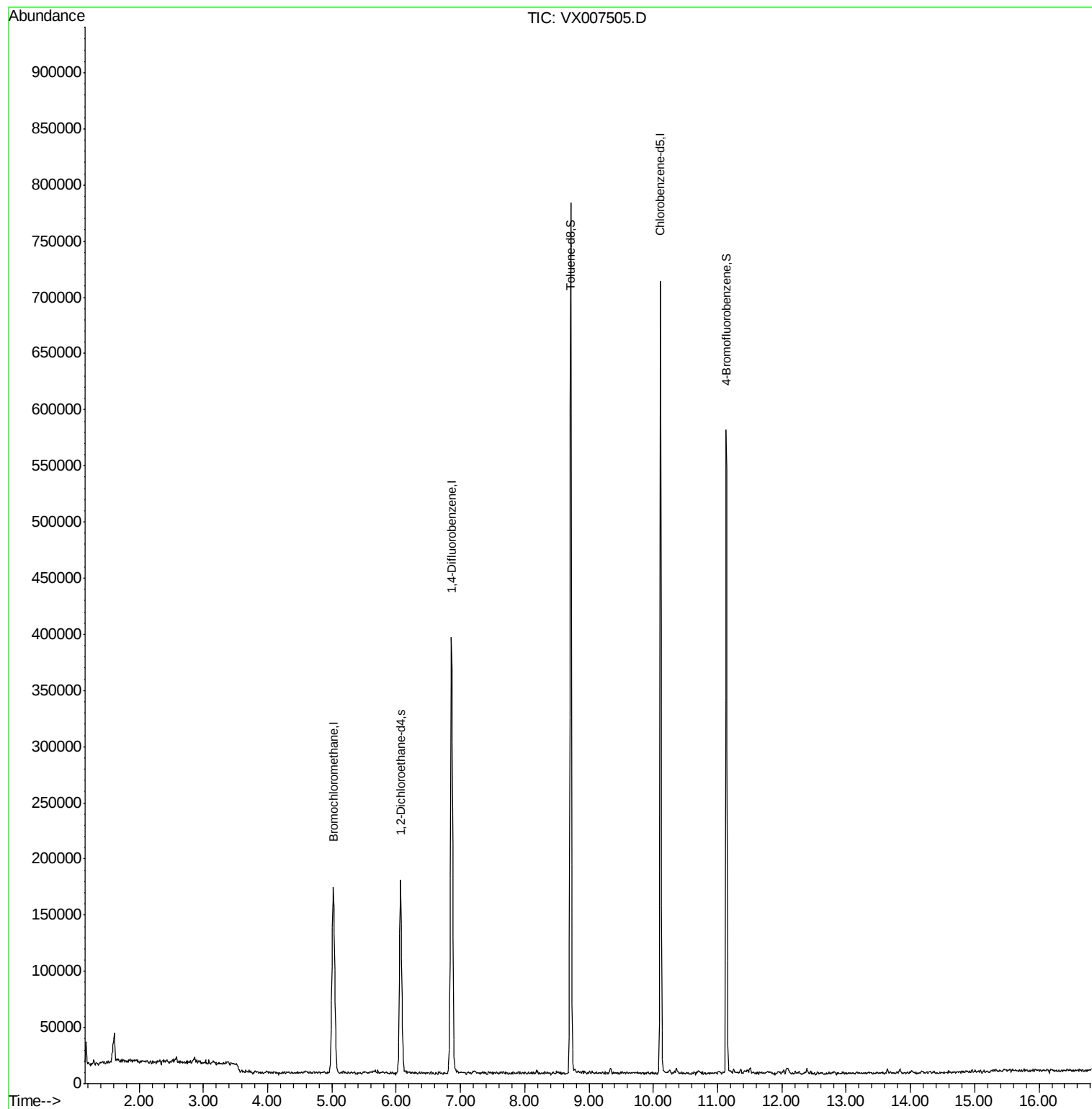
Target Compounds	Ovalue

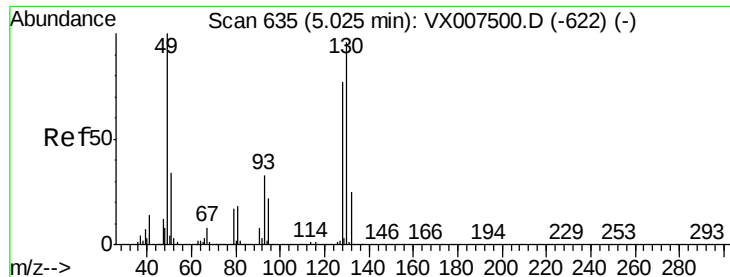
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 13 07:51:18 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. -0.00 min

Lab File: VX007505.D

Acq: 13 Feb 2019 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBL01

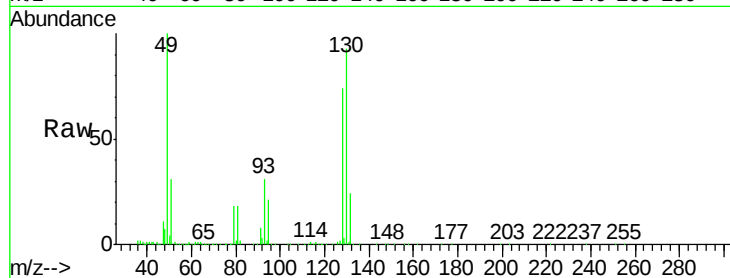
Tot Ion:128 Resp: 78296

Ion Ratio Lower Upper

128 100

49 138.6 0.0 350.8

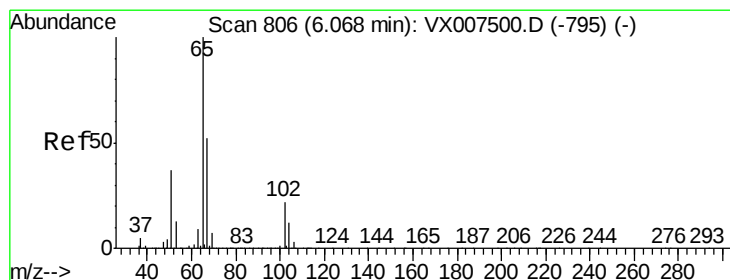
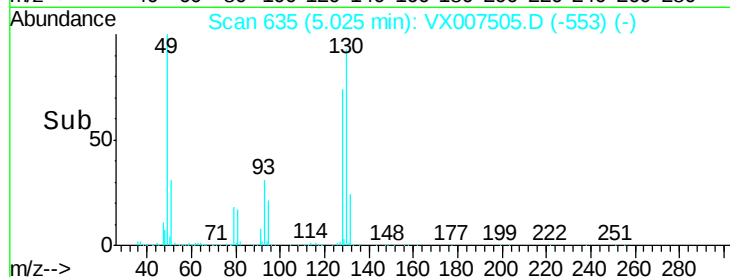
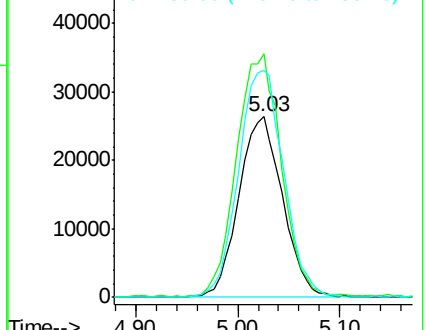
130 130.8 0.0 325.8



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: 30.636 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007505.D

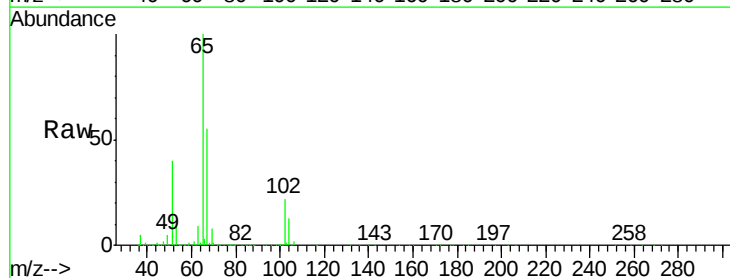
Acq: 13 Feb 2019 01:42

Tgt Ion: 65 Resp: 155167

Ion Ratio Lower Upper

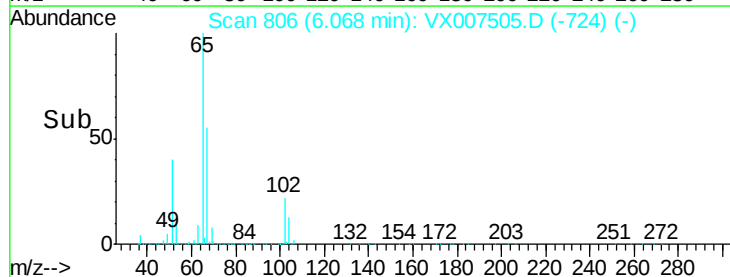
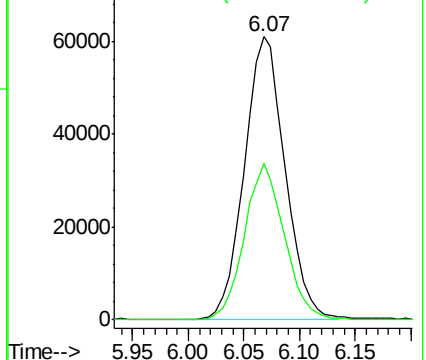
65 100

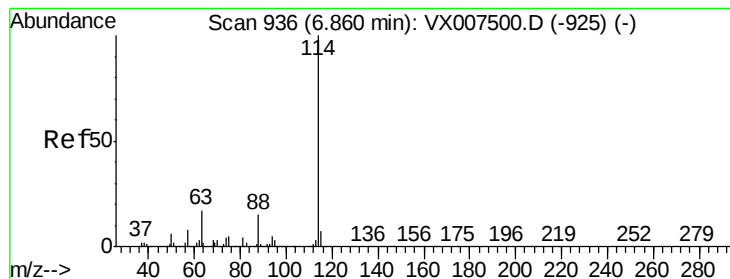
67 53.9 42.9 64.3



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007505.D

Acq: 13 Feb 2019 01:42

Instrument :

MSVOA_X

ClientSampleId :

VX0213WBL01

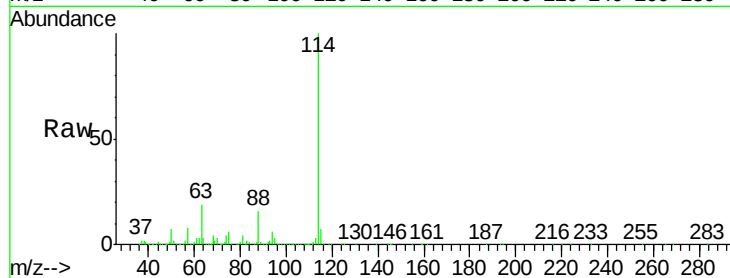
Tot Ion:114 Resp: 405694

Ion Ratio Lower Upper

114 100

63 18.4 14.2 21.4

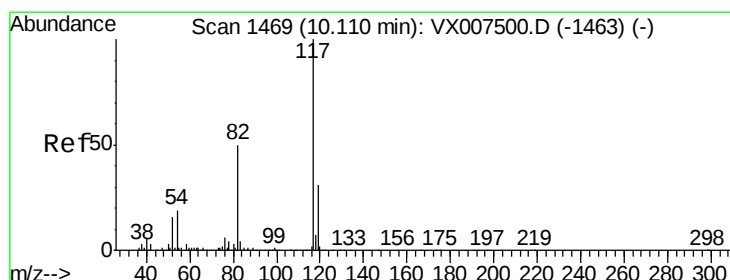
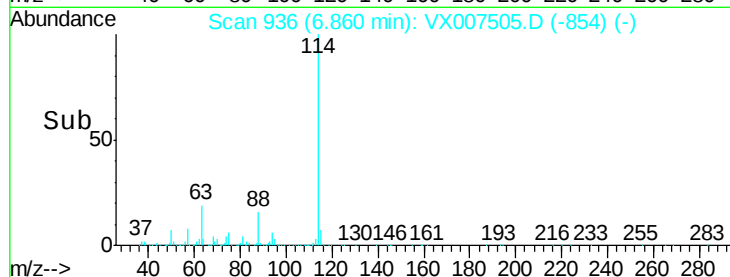
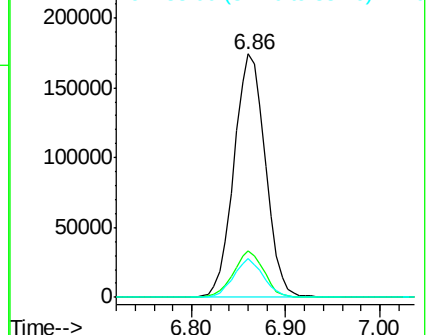
88 14.9 11.9 17.9



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# 1470

Delta R.T. 0.01 min

Lab File: VX007505.D

Acq: 13 Feb 2019 01:42

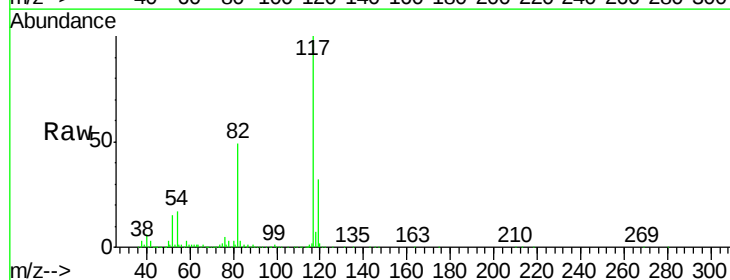
Tgt Ion:117 Resp: 345588

Ion Ratio Lower Upper

117 100

82 51.2 40.4 60.6

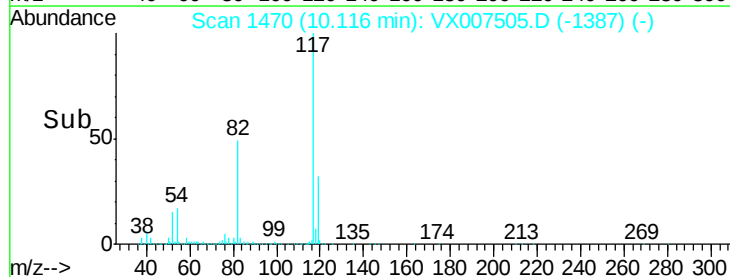
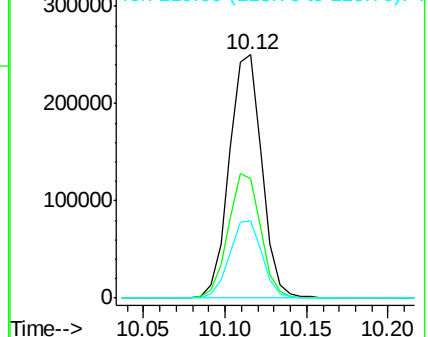
119 32.0 25.8 38.6

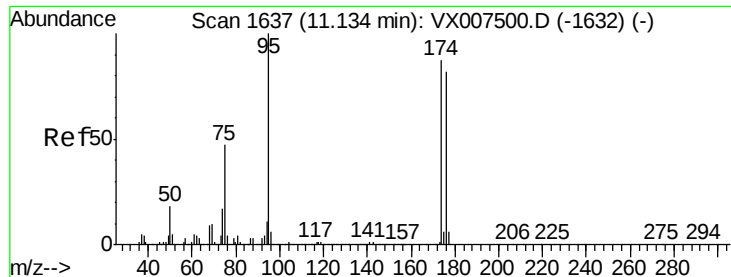


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

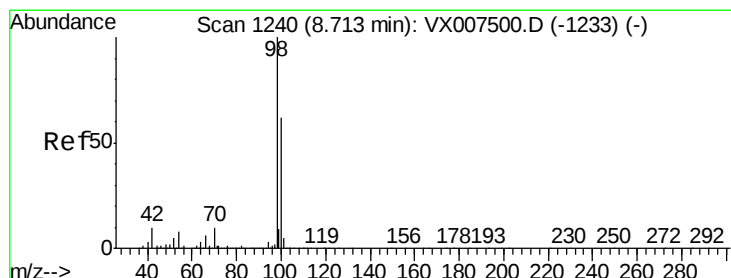
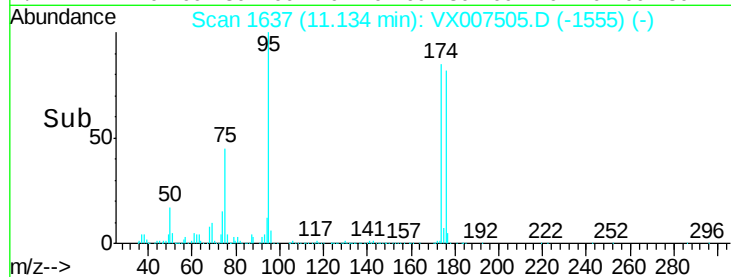
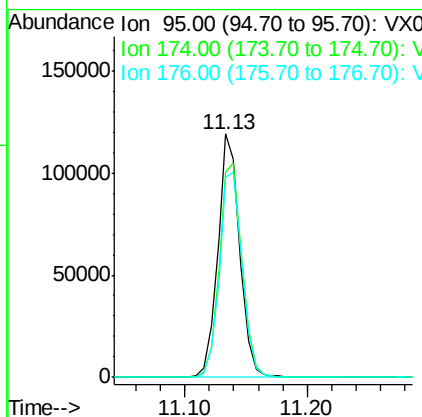
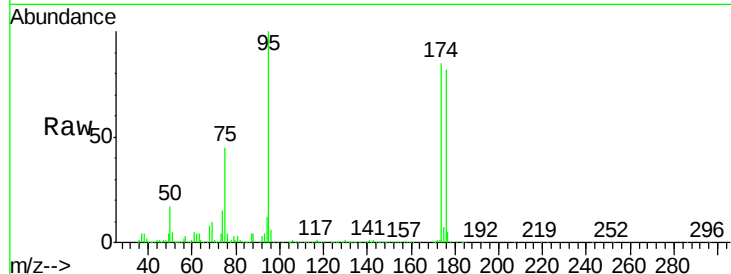




#60
4-Bromofluorobenzene
Concen: 28.002 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007505.D
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Tot Ion: 95 Resp: 148527
Ion Ratio Lower Upper
95 100
174 91.3 74.9 112.3
176 87.4 70.7 106.1



#63
Toluene-d8
Concen: 29.622 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007505.D
Acq: 13 Feb 2019 01:42

Tgt Ion: 98 Resp: 462685
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

