

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014816.D
 Acq On : 05 Feb 2020 12:49
 Operator : JC/SP
 Sample : L1377-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-02032020

Quant Time: Feb 06 03:45:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	80268	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	429383	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	383006	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	177508	31.46	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.87%
60) 4-Bromofluorobenzene	11.13	95	161869	26.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.03%
63) Toluene-d8	8.71	98	513714	29.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.97%

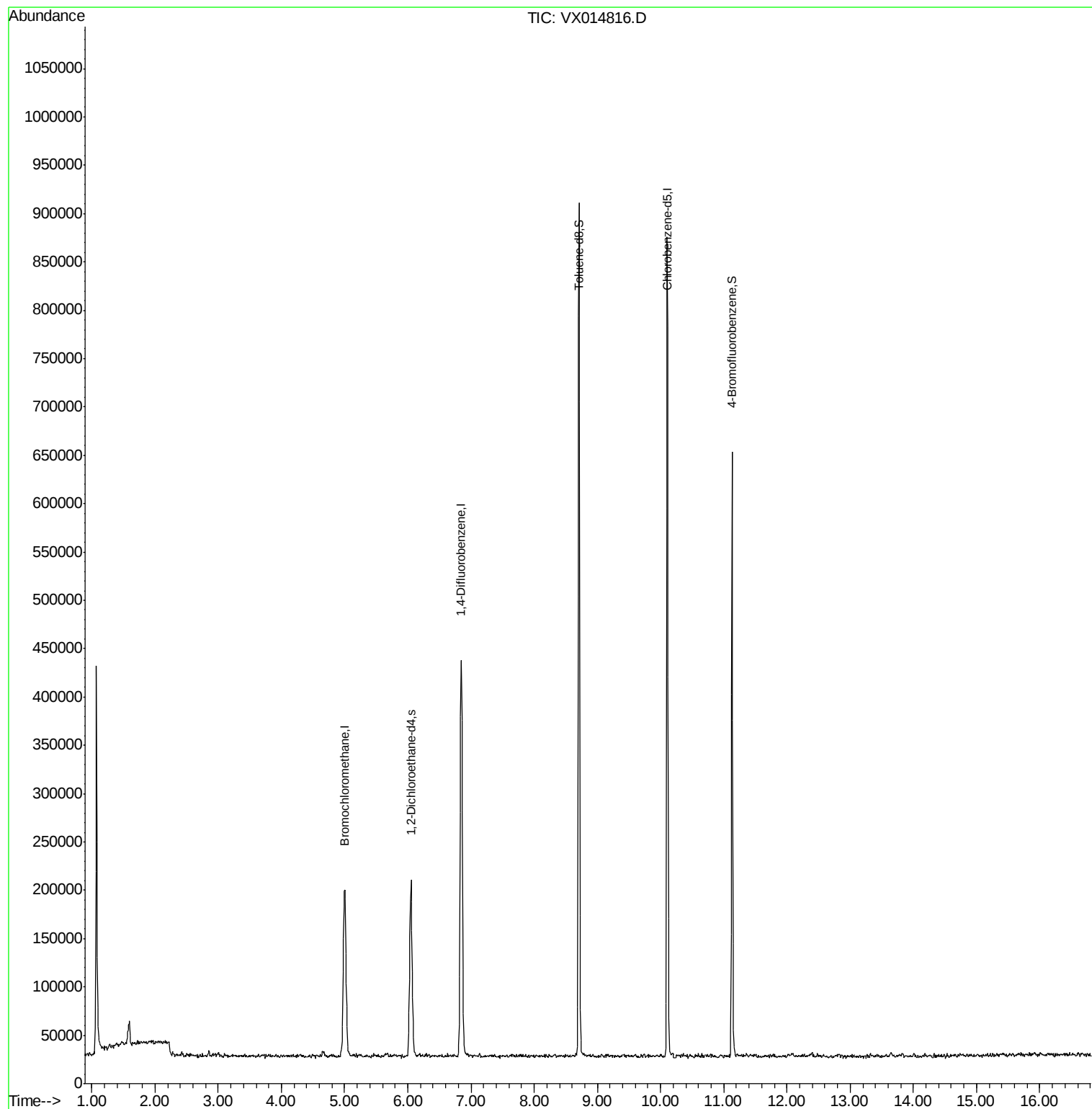
Target Compounds	Ovalue

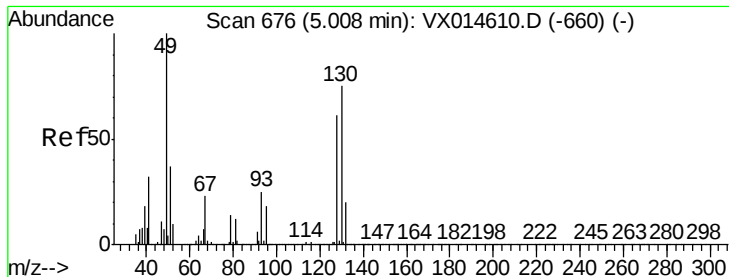
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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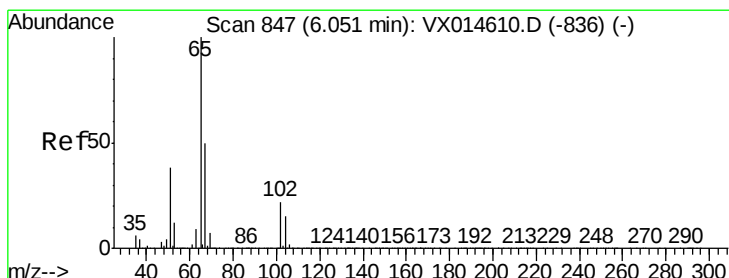
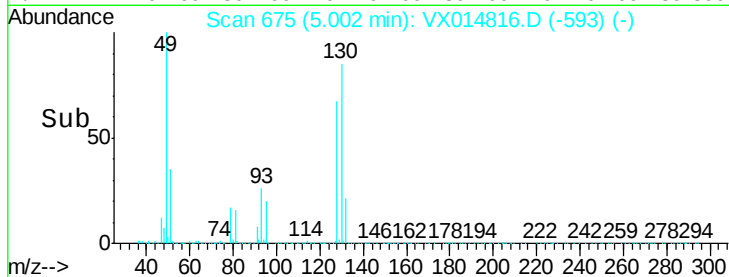
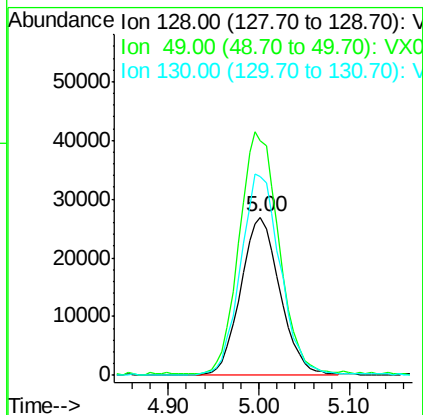
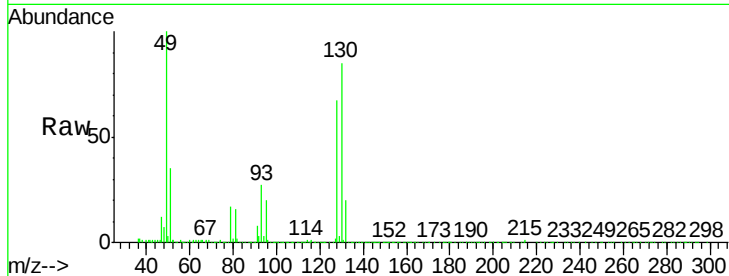


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX014816.D
 Acq: 05 Feb 2020 12:49

Instrument :
 MSVOA_X
 ClientSampled :
 TB-02032020

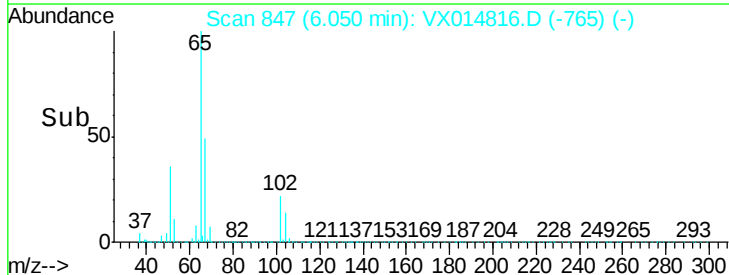
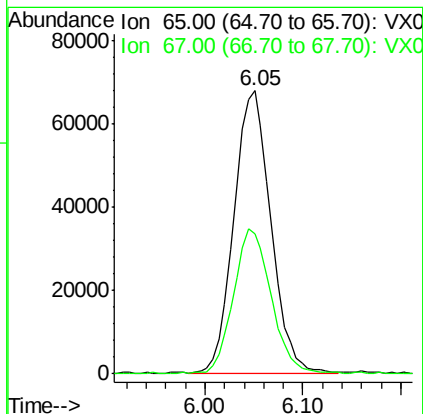
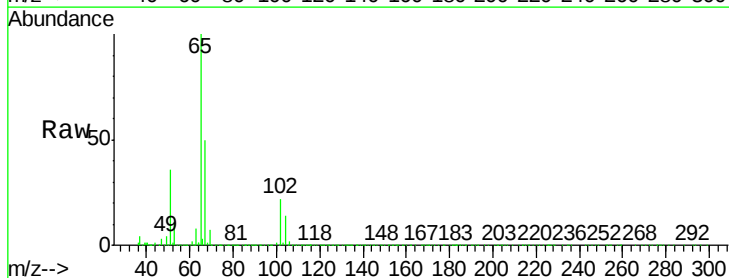
Tot Ion:128 Resp: 80268
 Ion Ratio Lower Upper
 128 100
 49 156.4 0.0 405.0
 130 128.8 0.0 321.5

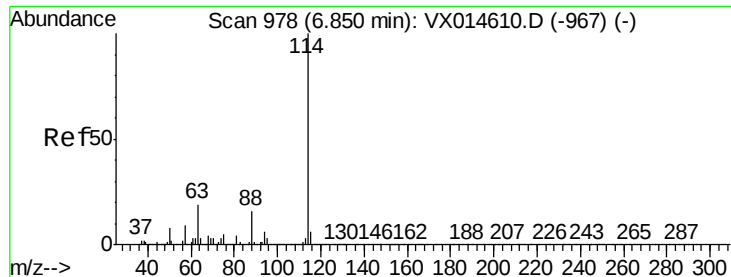


#27

1,2-Dichloroethane-d4
 Concen: 31.462 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014816.D
 Acq: 05 Feb 2020 12:49

Tgt Ion: 65 Resp: 177508
 Ion Ratio Lower Upper
 65 100
 67 51.9 43.1 64.7





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014816.D

Acq: 05 Feb 2020 12:49

Instrument :

MSVOA_X

ClientSampleId :

TB-02032020

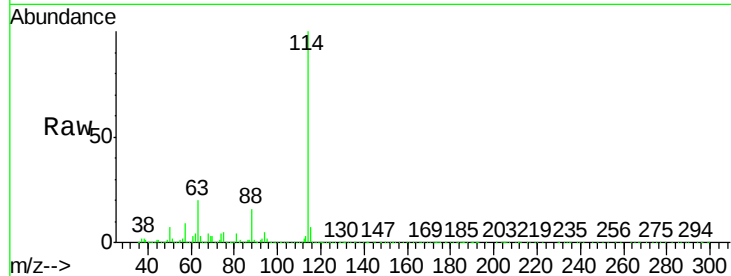
Tot Ion:114 Resp: 429383

Ion Ratio Lower Upper

114 100

63 19.7 16.1 24.1

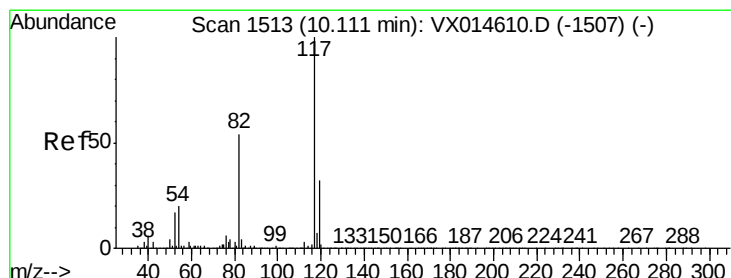
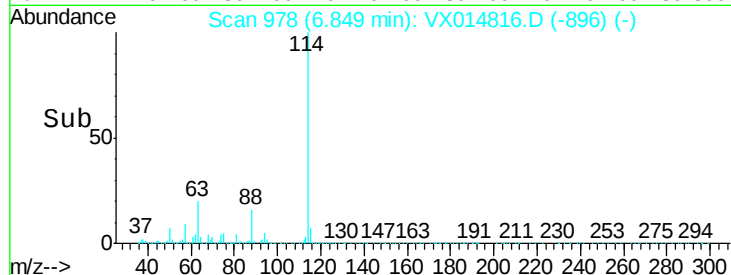
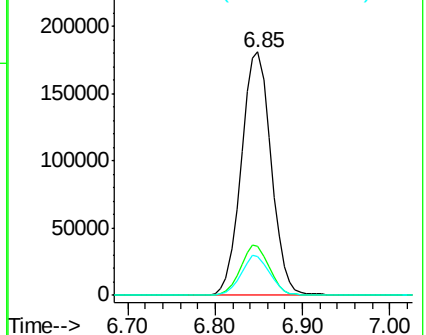
88 15.6 12.5 18.7



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: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014816.D

Acq: 05 Feb 2020 12:49

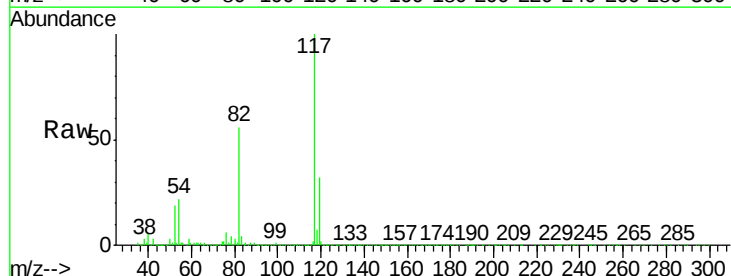
Tgt Ion:117 Resp: 383006

Ion Ratio Lower Upper

117 100

82 53.3 43.8 65.6

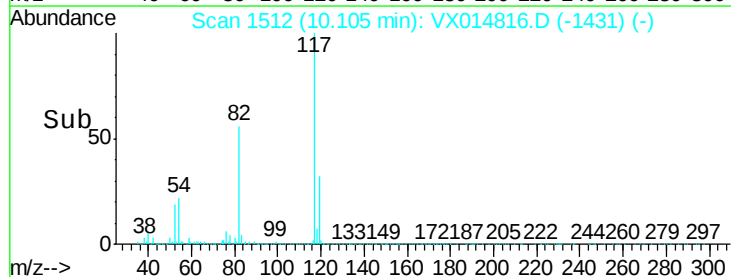
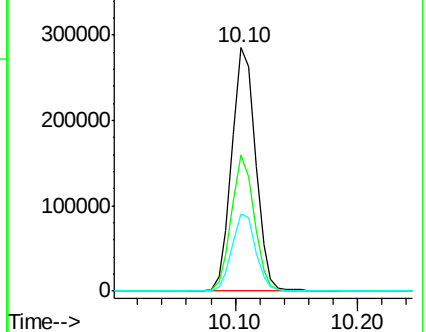
119 31.6 25.8 38.6

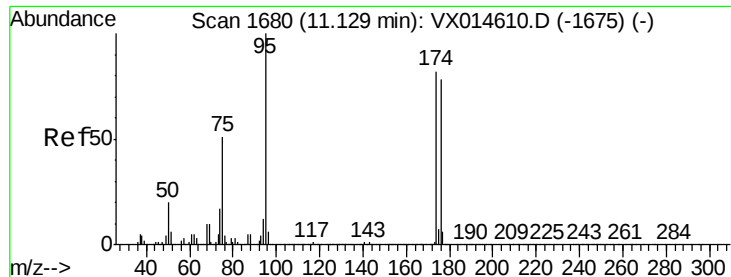


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

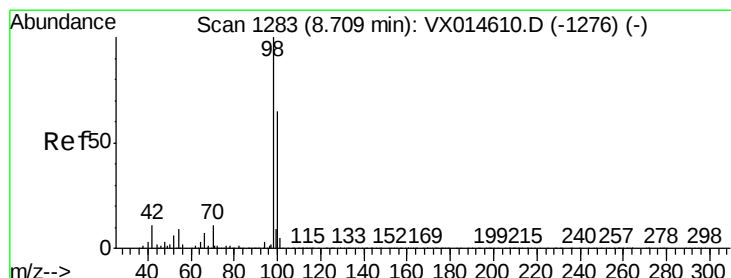
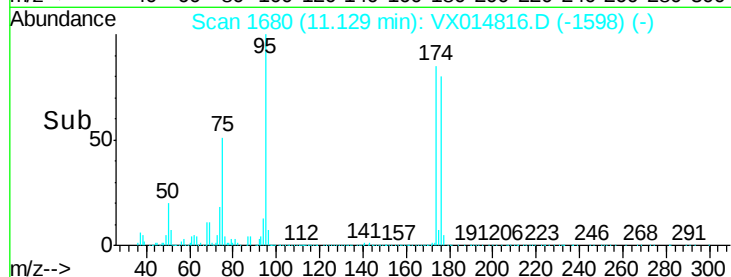
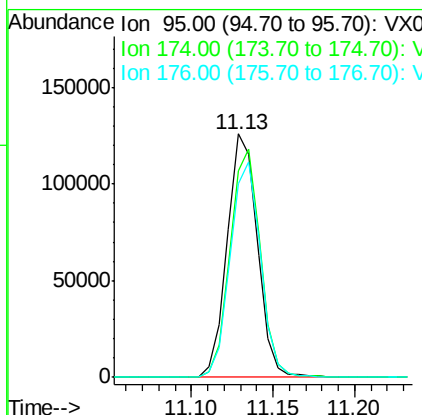
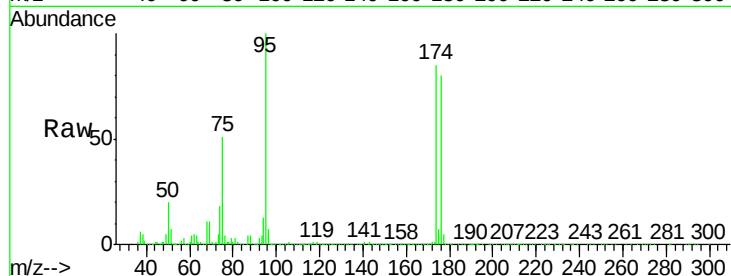




#60
4-Bromofluorobenzene
Concen: 26.411 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014816.D
Acq: 05 Feb 2020 12:49

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TB-02032020

Tot Ion	Ratio	Lower	Upper
95	100		
174	94.0	70.2	105.2
176	89.2	68.3	102.5



#63
Toluene-d8
Concen: 29.694 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014816.D
Acq: 05 Feb 2020 12:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.2

