

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022219\
 Data File : VX007650.D
 Acq On : 22 Feb 2019 10:57
 Operator : JC/SP
 Sample : K1562-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Feb 22 13:08:25 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	65305	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	339445	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	299762	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	132542	31.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.60%
60) 4-Bromofluorobenzene	11.13	95	127735	27.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.53%
63) Toluene-d8	8.71	98	399512	29.49	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.30%

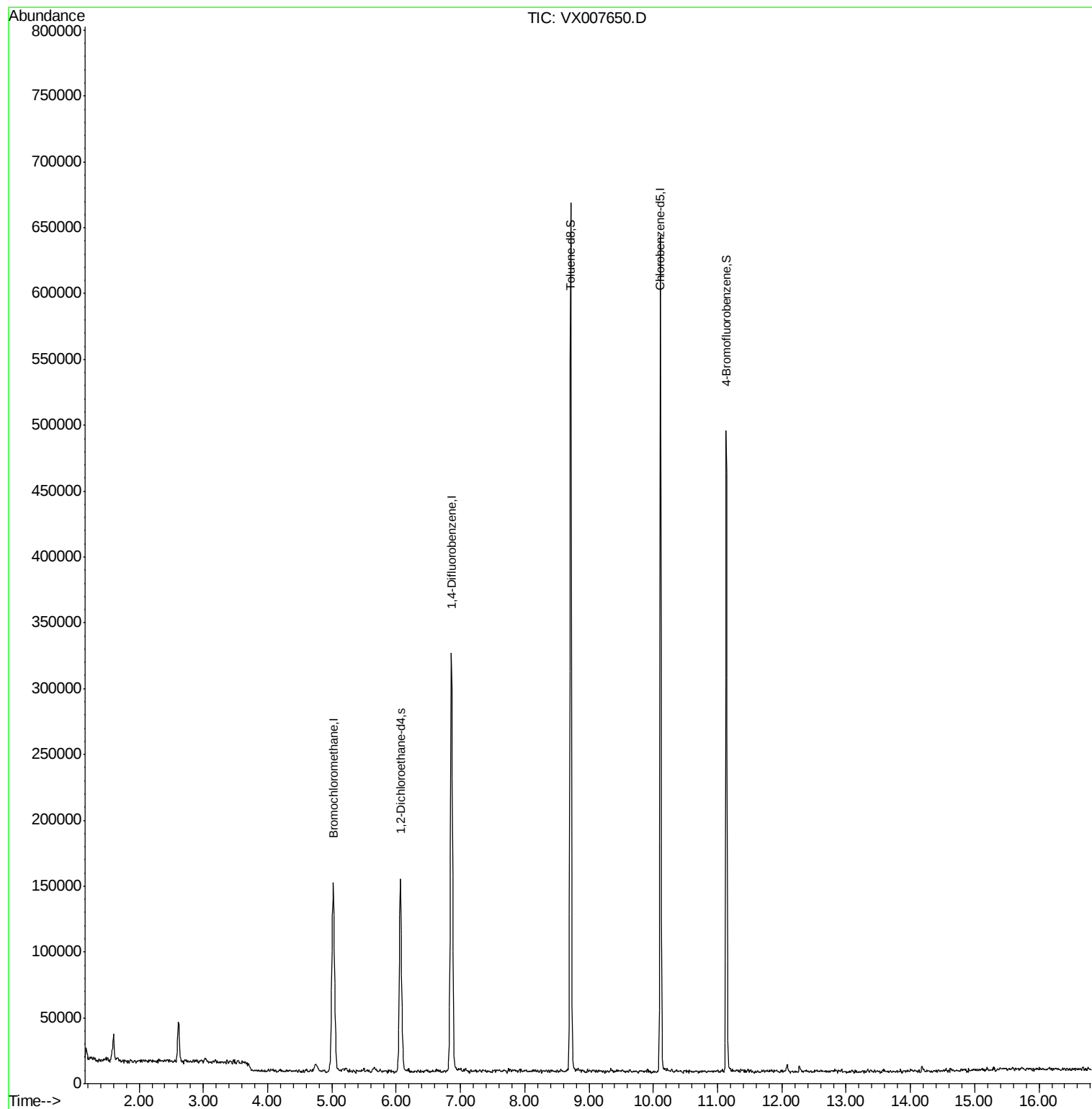
Target Compounds	Ovalue

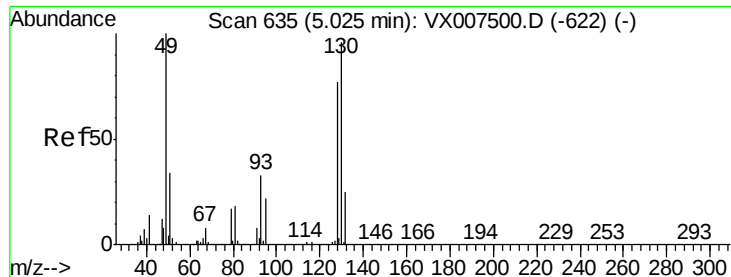
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.00 min

Lab File: VX007650.D

Acq: 22 Feb 2019 10:57

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

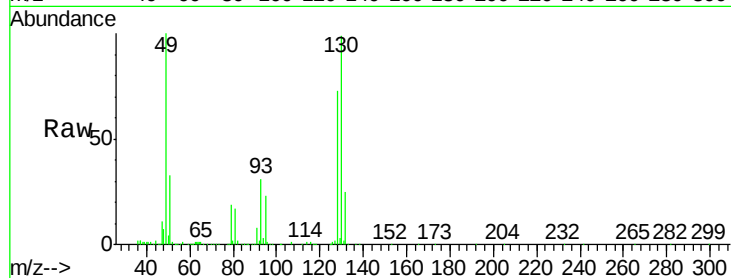
Tot Ion:128 Resp: 65305

Ion Ratio Lower Upper

128 100

49 140.6 0.0 350.8

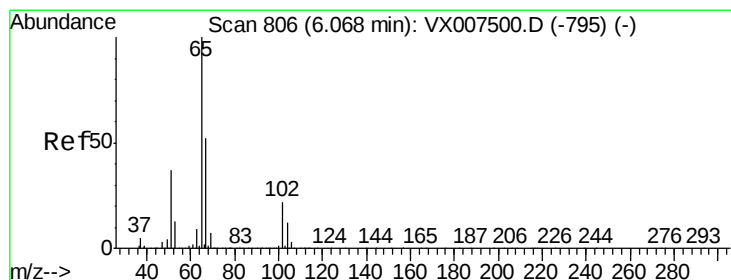
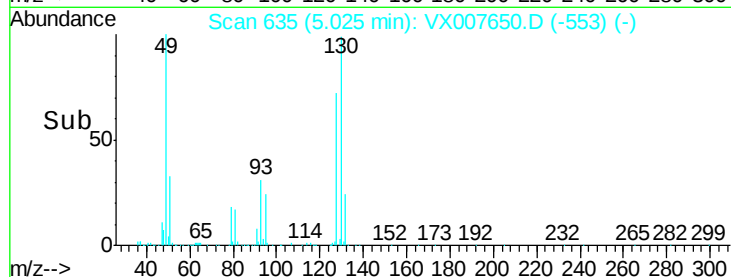
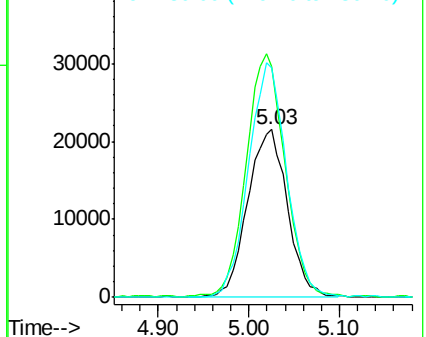
130 134.0 0.0 325.8



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: 31.375 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007650.D

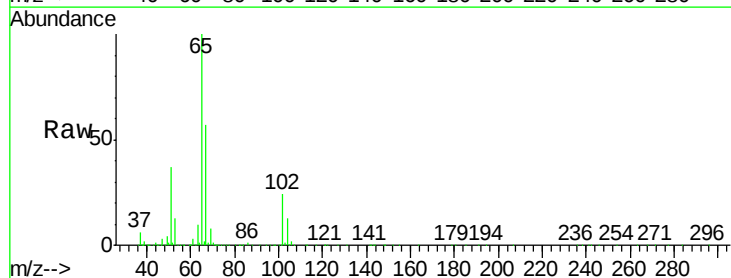
Acq: 22 Feb 2019 10:57

Tgt Ion: 65 Resp: 132542

Ion Ratio Lower Upper

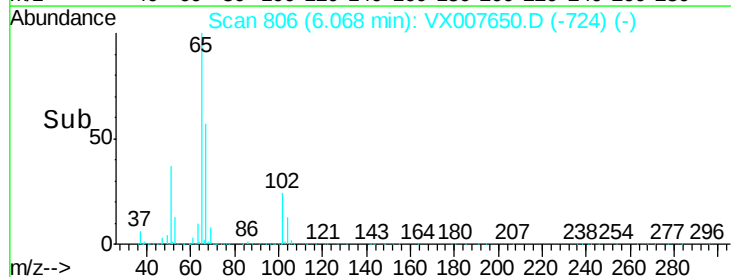
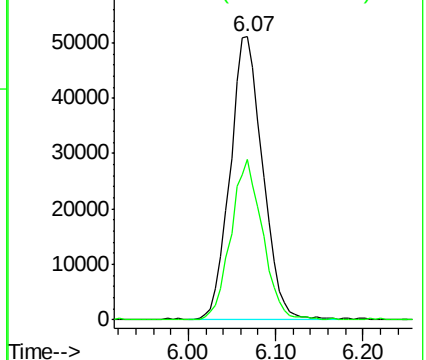
65 100

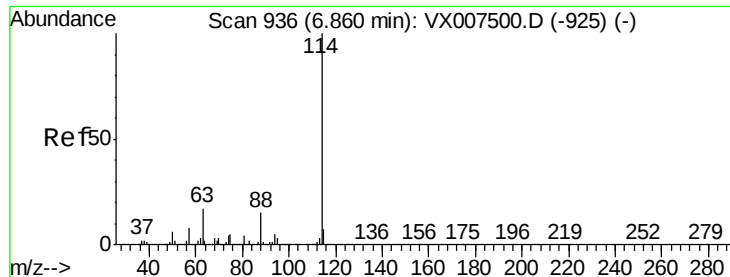
67 54.7 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

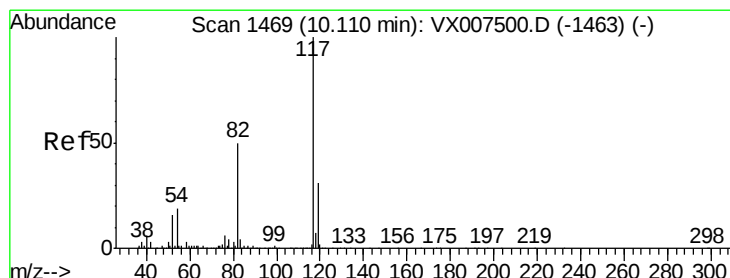
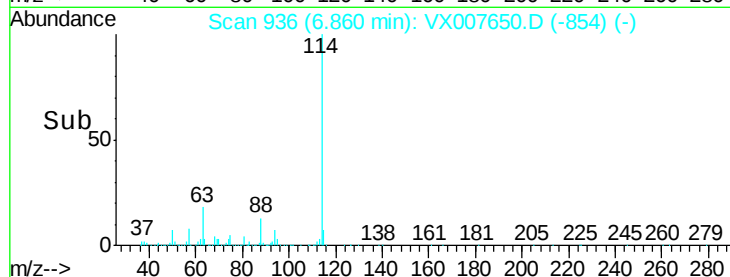
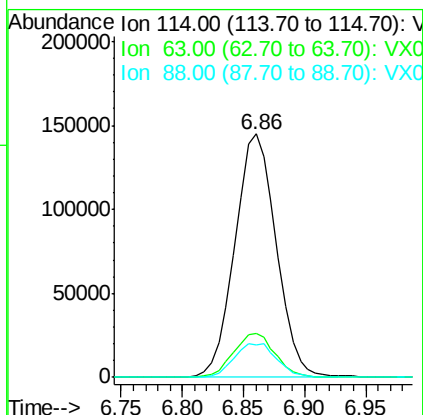
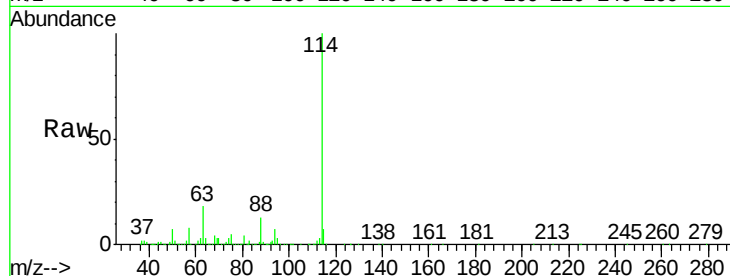




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007650.D
 Acq: 22 Feb 2019 10:57

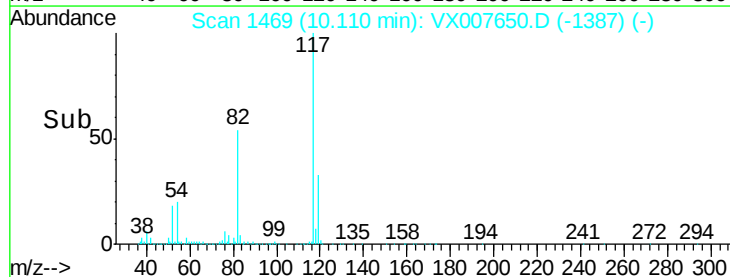
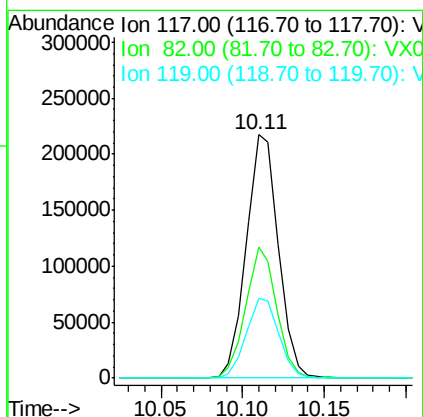
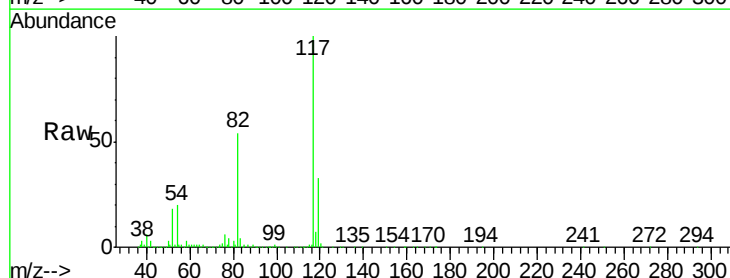
Instrument :
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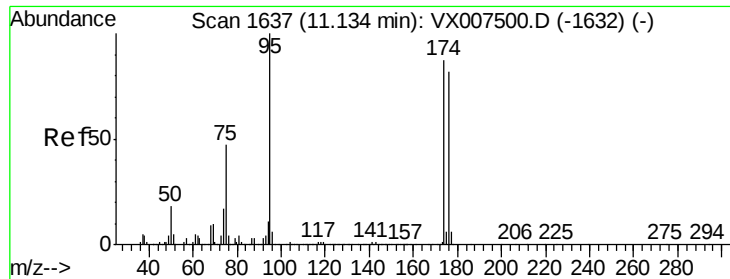
Tot Ion:114	Resp:	339445
Ion Ratio	Lower	Upper
114	100	
63	17.9	14.2 21.4
88	14.4	11.9 17.9



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX007650.D
 Acq: 22 Feb 2019 10:57

Tgt Ion:117	Resp:	299762
Ion Ratio	Lower	Upper
117	100	
82	51.6	40.4 60.6
119	33.3	25.8 38.6

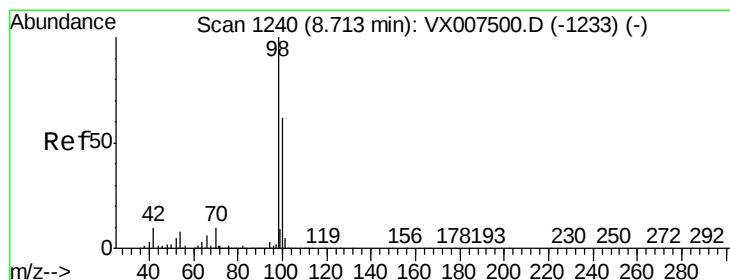
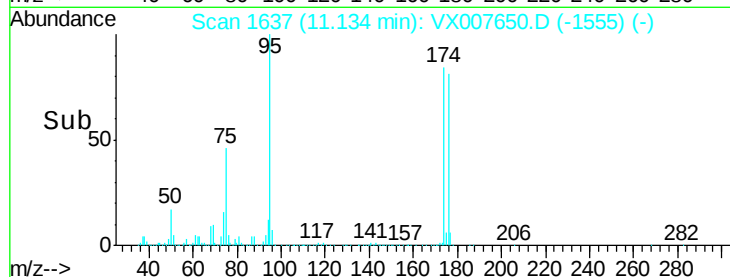
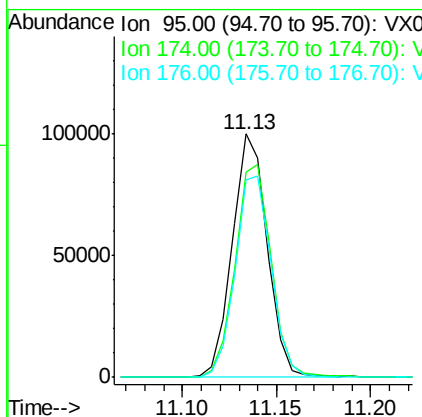
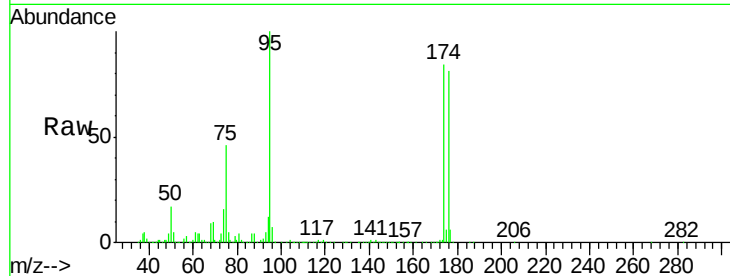




#60
4-Bromofluorobenzene
Concen: 27.764 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007650.D
Acq: 22 Feb 2019 10:57

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tot Ion	Ratio	Lower	Upper
95	100		
174	91.1	74.9	112.3
176	85.6	70.7	106.1



#63
Toluene-d8
Concen: 29.487 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007650.D
Acq: 22 Feb 2019 10:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3

