

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000219.D
 Acq On : 08 Mar 2018 12:56
 Operator : JC/MD
 Sample : J1833-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-002

Quant Time: Mar 08 13:51:16 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.04	128	21898	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.87	114	130607	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	122435	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.08	65	55109	32.52	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	108.40%
60) 4-Bromofluorobenzene	11.15	95	56226	28.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.57%
63) Toluene-d8	8.73	98	161298	30.76	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.53%

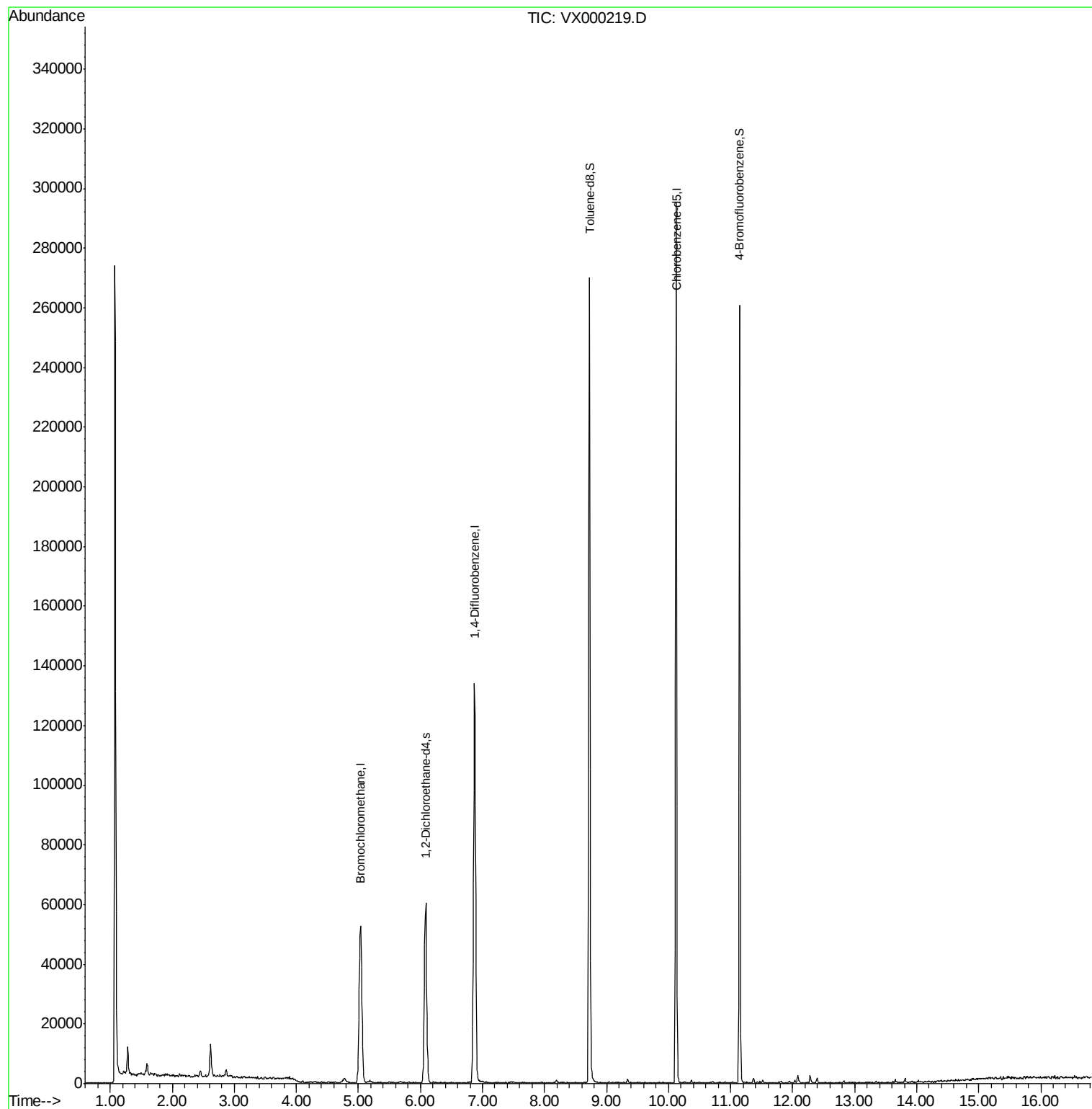
Target Compounds	Ovalue

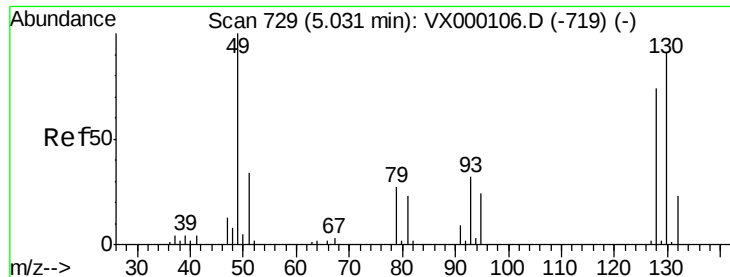
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 21 06:17:26 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.04 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX000219.D

Acq: 08 Mar 2018 12:56

Instrument :

MSVOA_X

ClientSampled :

TB-002

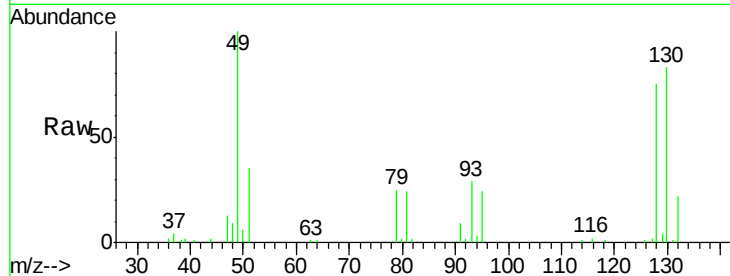
Tot Ion:128 Resp: 21898

Ion Ratio Lower Upper

128 100

49 161.2 0.0 378.3

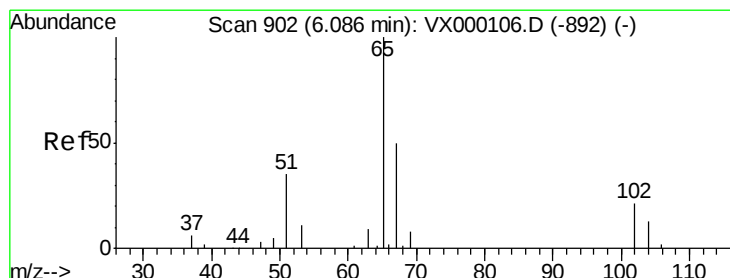
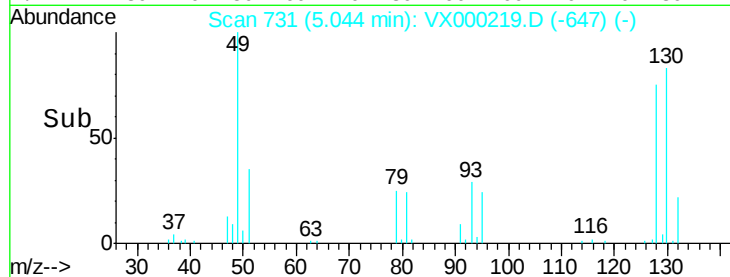
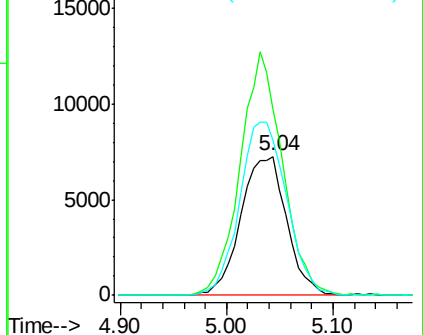
130 127.9 0.0 324.3



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: 32.52 ug/l

RT: 6.08 min Scan# 901

Delta R.T. -0.01 min

Lab File: VX000219.D

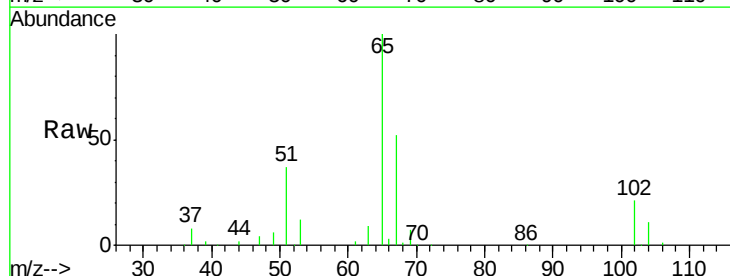
Acq: 08 Mar 2018 12:56

Tgt Ion: 65 Resp: 55109

Ion Ratio Lower Upper

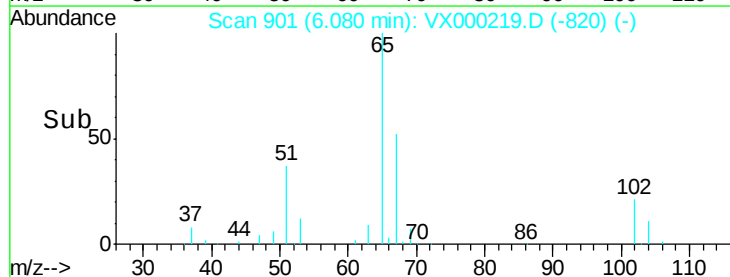
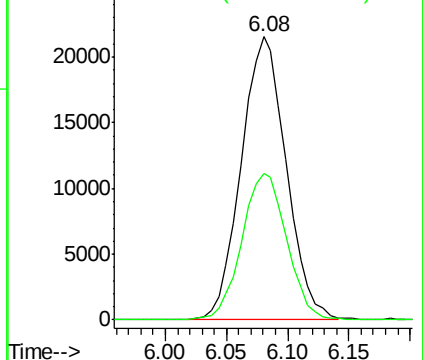
65 100

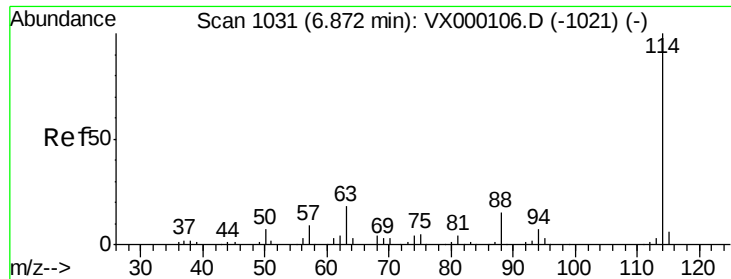
67 51.6 41.4 62.2



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

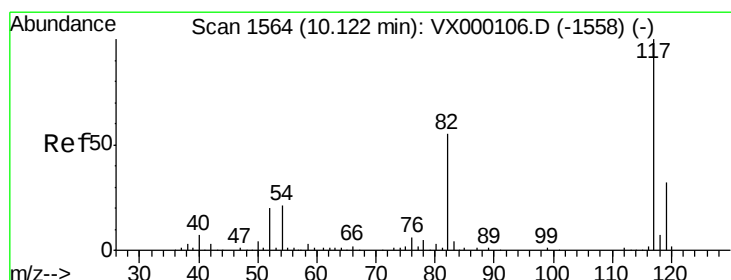
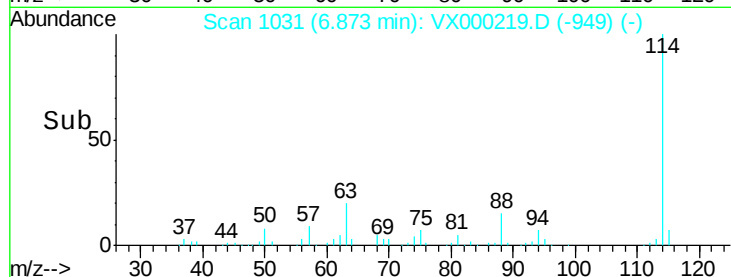
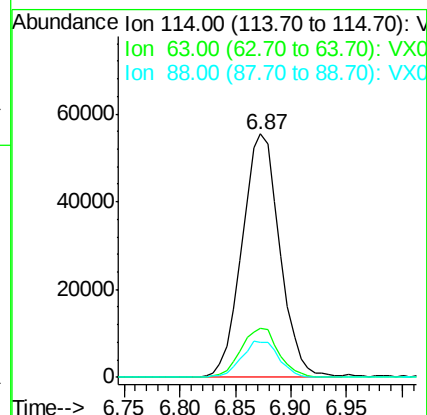
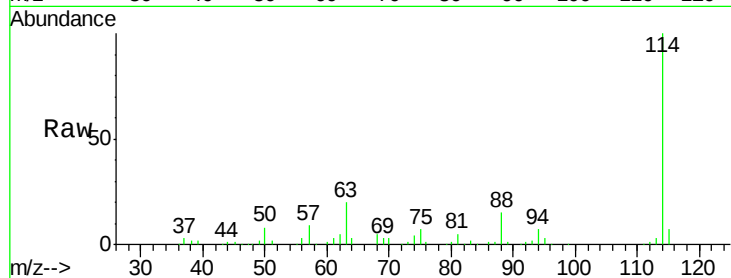




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000219.D
 Acq: 08 Mar 2018 12:56

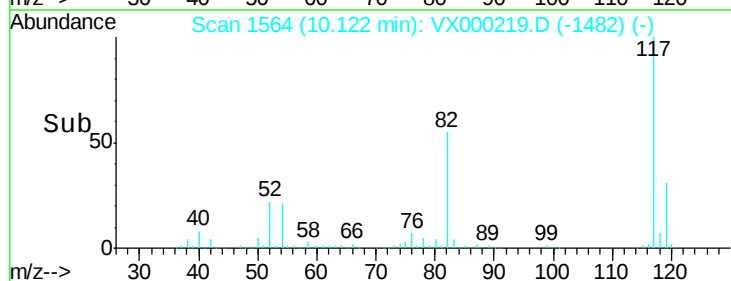
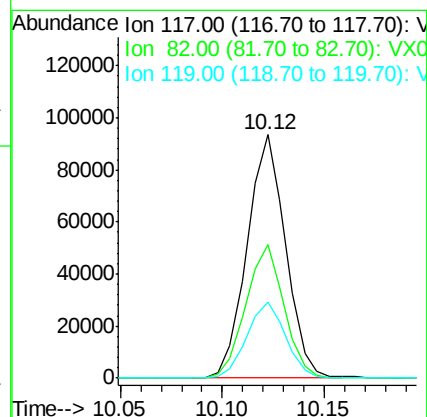
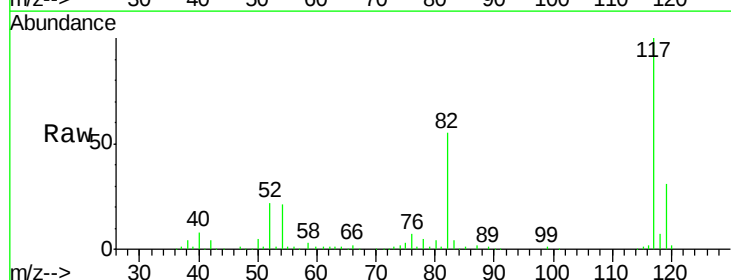
Instrument :
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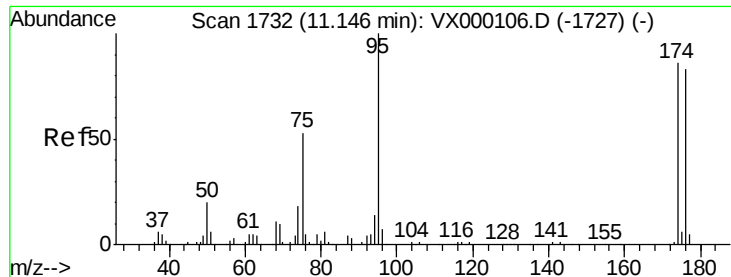
Tot Ion:114 Resp: 130607
 Ion Ratio Lower Upper
 114 100
 63 20.1 15.0 22.4
 88 14.9 11.8 17.8



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 10.12 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: VX000219.D
 Acq: 08 Mar 2018 12:56

Tgt Ion:117 Resp: 122435
 Ion Ratio Lower Upper
 117 100
 82 54.4 43.0 64.4
 119 31.8 25.8 38.8

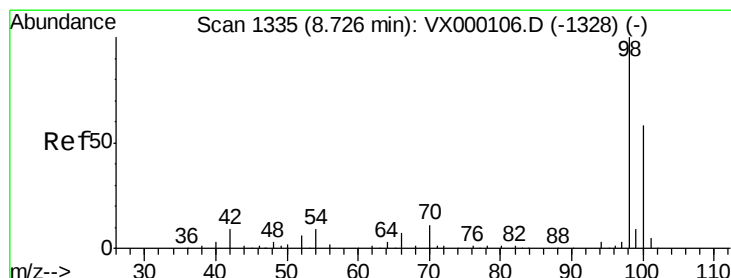
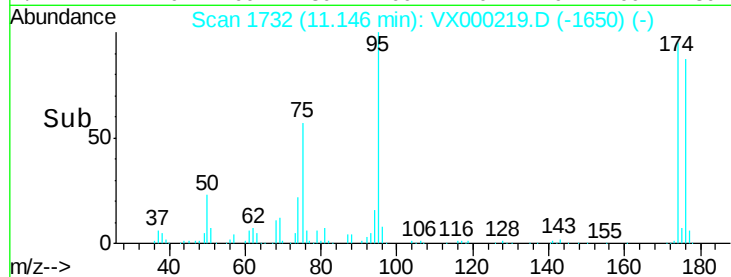
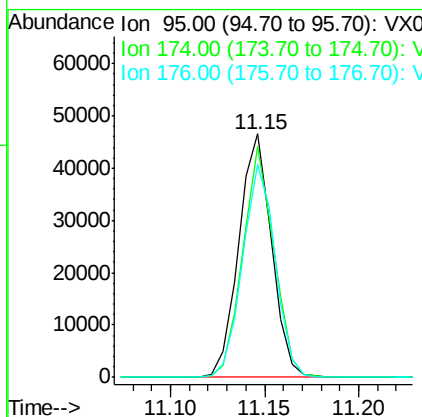
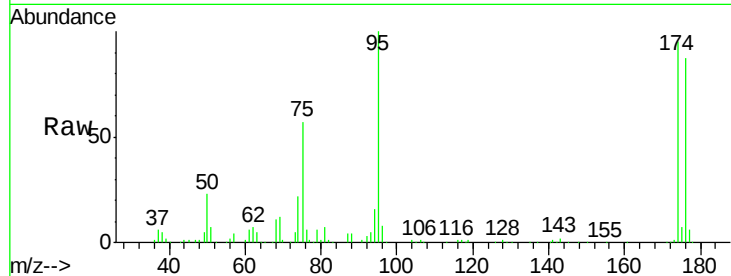




#60
4-Bromofluorobenzene
Concen: 28.07 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000219.D
Acq: 08 Mar 2018 12:56

Instrument :
MSVOA_X
ClientSampleId :
TB-002

Tot Ion: 95 Resp: 56226
Ion Ratio Lower Upper
95 100
174 90.2 71.1 106.7
176 86.8 69.3 103.9



#63
Toluene-d8
Concen: 30.76 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000219.D
Acq: 08 Mar 2018 12:56

Tgt Ion: 98 Resp: 161298
Ion Ratio Lower Upper
98 100
100 63.4 50.0 75.0

