

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009659.D
 Acq On : 17 May 2019 13:32
 Operator : JC/SP
 Sample : K2861-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-001-IDWGW-20190514

Quant Time: May 20 11:23:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	32981	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	189866	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	167563	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	82722	30.24	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.80%
60) 4-Bromofluorobenzene	11.13	95	79535	27.93	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.10%
63) Toluene-d8	8.71	98	235135	29.60	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.67%

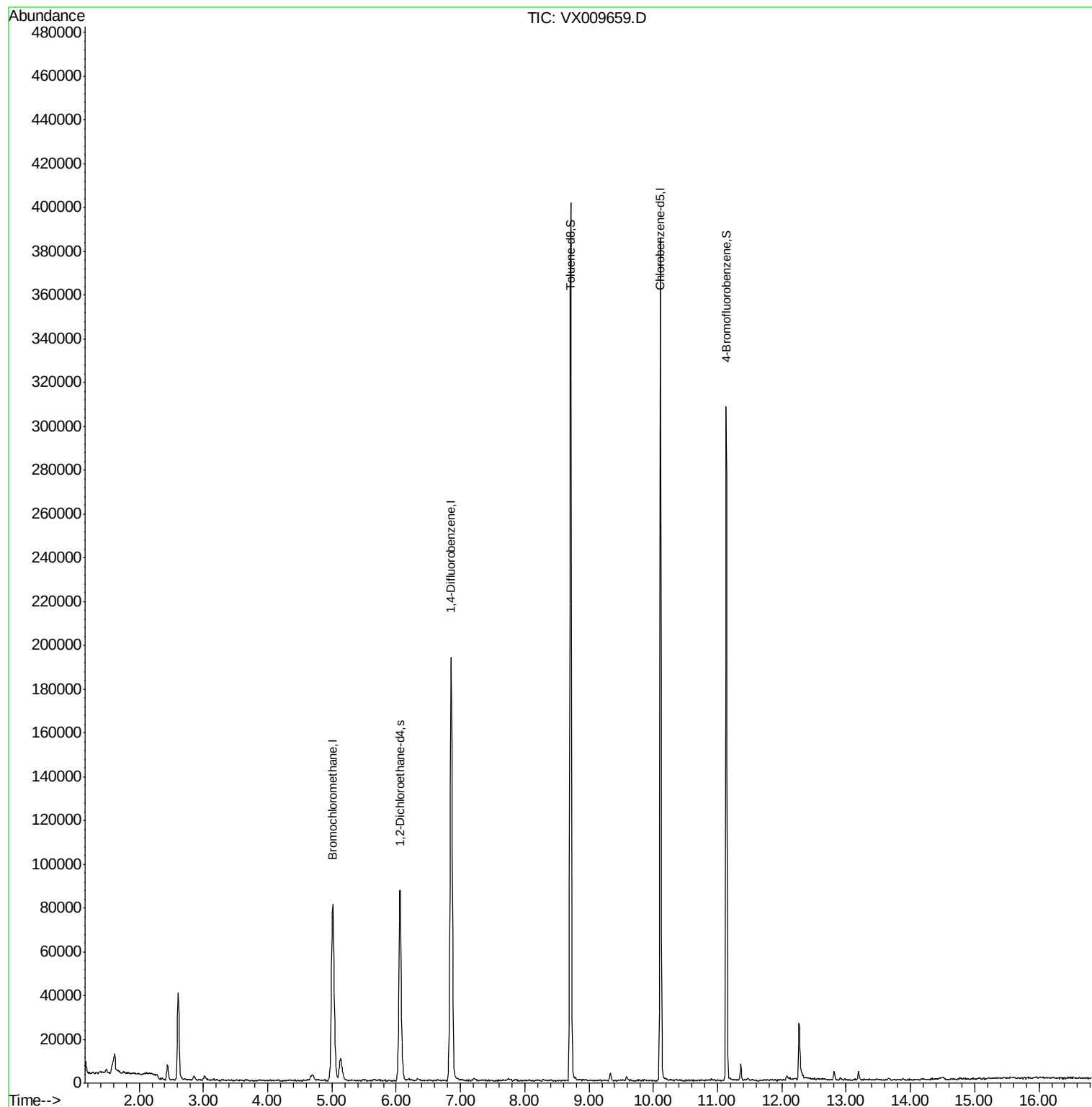
Target Compounds	Ovalue

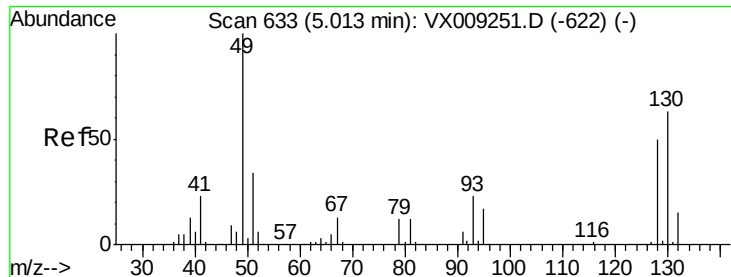
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: VX009659.D

Acq: 17 May 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

TT-001-IDW/GW-20190514

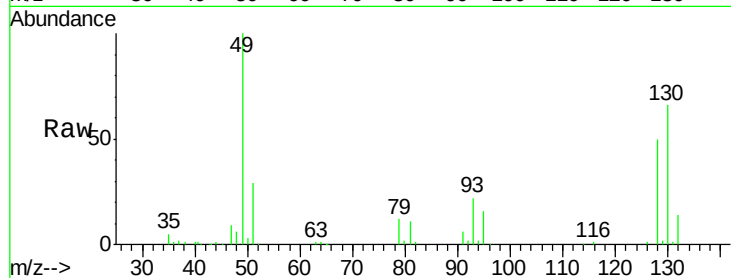
Tot Ion:128 Resp: 32981

Ion Ratio Lower Upper

128 100

49 200.5 0.0 515.0

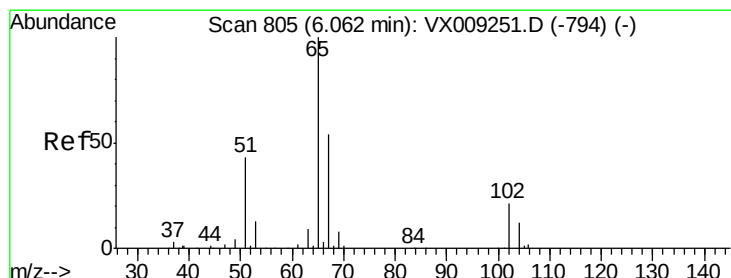
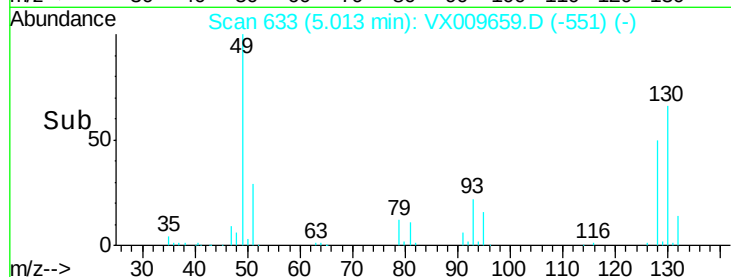
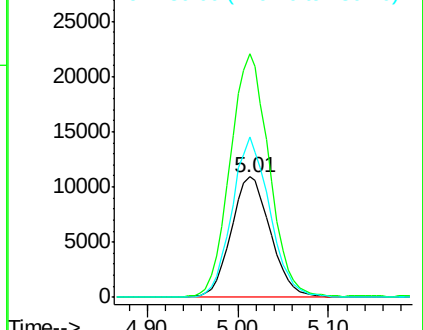
130 127.4 0.0 323.3



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: 30.236 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009659.D

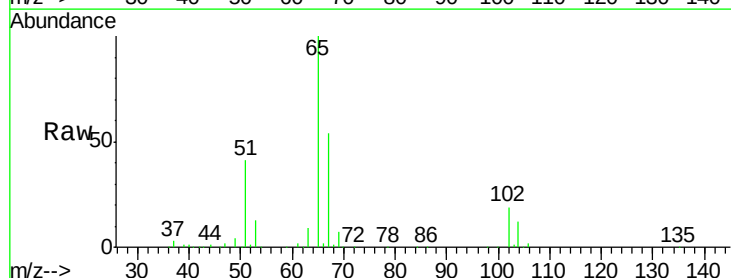
Acq: 17 May 2019 13:32

Tgt Ion: 65 Resp: 82722

Ion Ratio Lower Upper

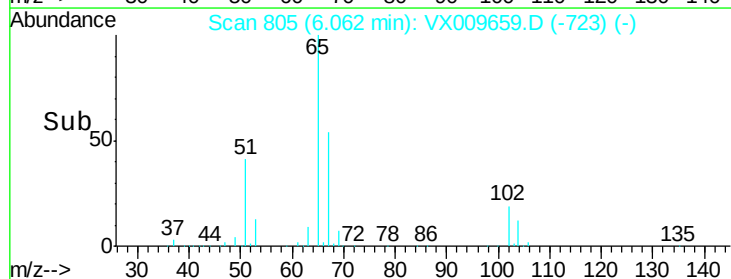
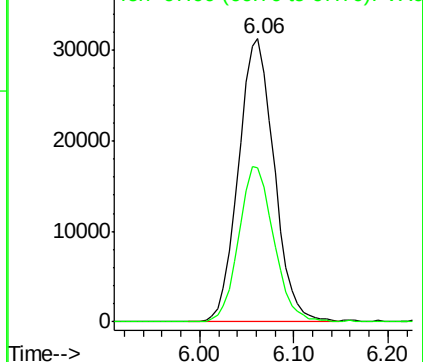
65 100

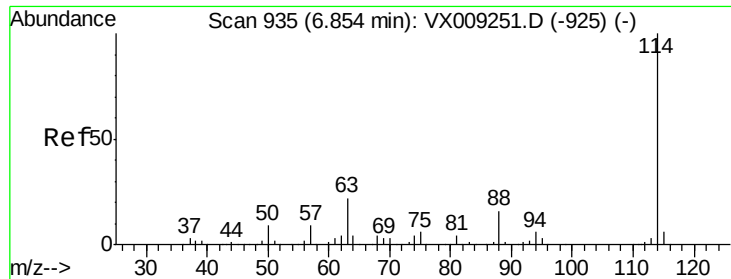
67 53.8 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

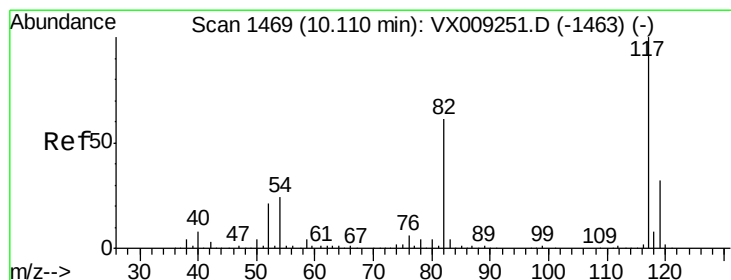
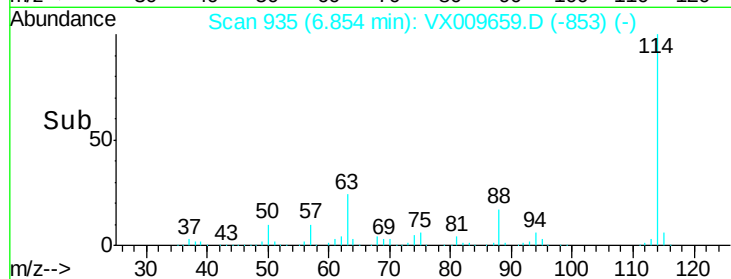
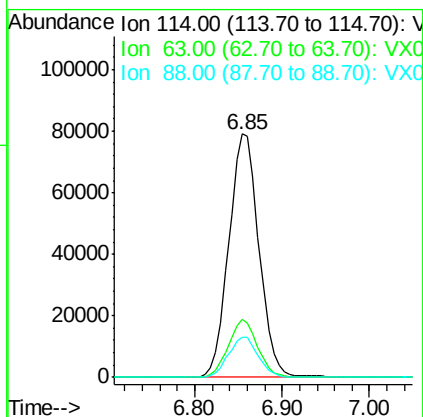
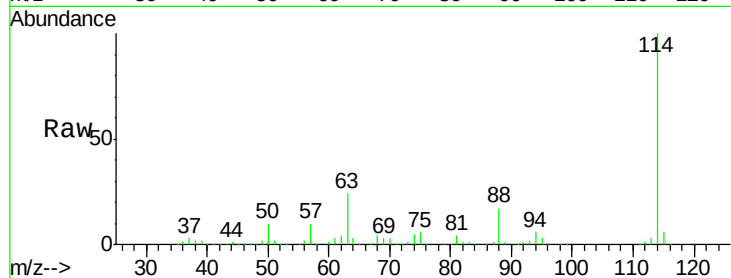




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX009659.D
 Acq: 17 May 2019 13:32

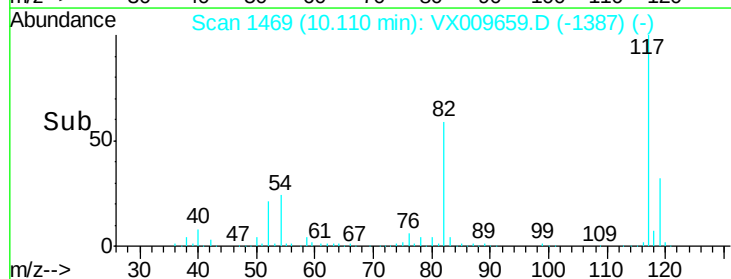
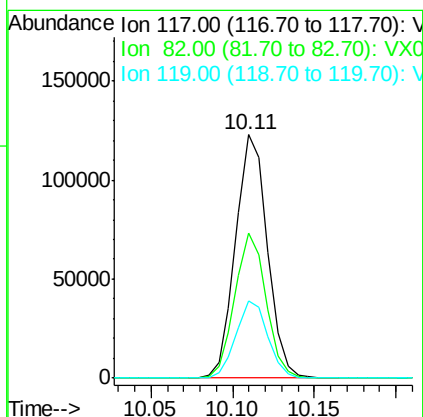
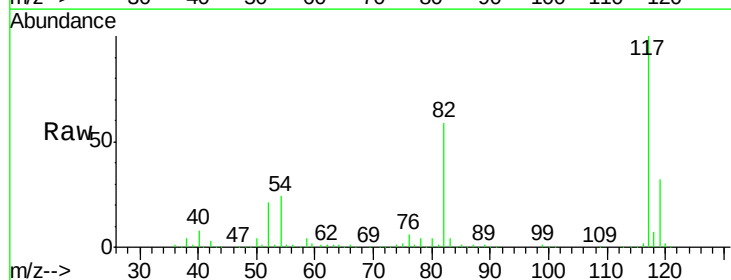
Instrument :
 MSVOA_X
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 TT-001-IDW/GW-20190514

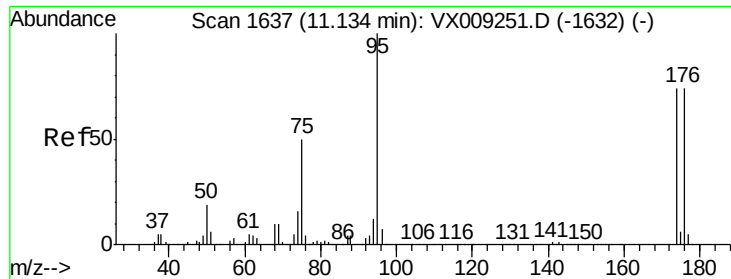
Tot Ion:114 Resp: 189866
 Ion Ratio Lower Upper
 114 100
 63 23.0 18.0 27.0
 88 16.4 13.4 20.0



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009659.D
 Acq: 17 May 2019 13:32

Tgt Ion:117 Resp: 167563
 Ion Ratio Lower Upper
 117 100
 82 58.7 47.8 71.8
 119 31.6 25.6 38.4

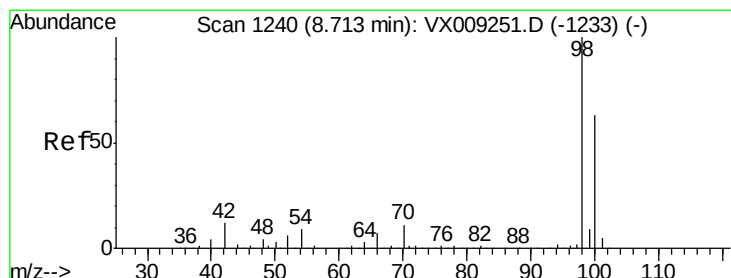
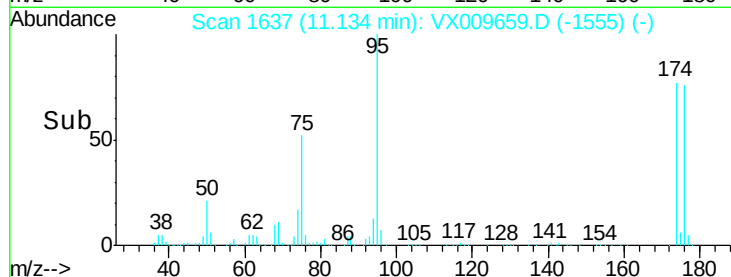
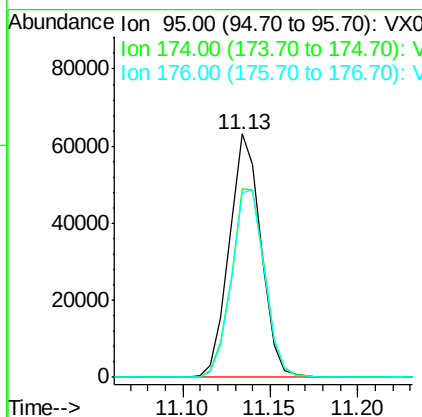
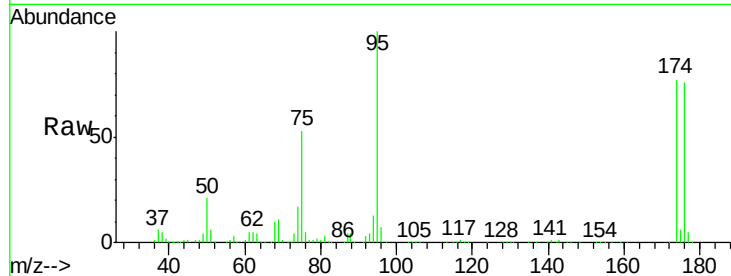




#60
4-Bromofluorobenzene
Concen: 27.933 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009659.D
Acq: 17 May 2019 13:32

Instrument :
MSVOA_X
ClientSampleId :
TT-001-IDW/GW-20190514

Tot Ion: 95 Resp: 79535
Ion Ratio Lower Upper
95 100
174 81.2 63.6 95.4
176 80.2 62.4 93.6



#63
Toluene-d8
Concen: 29.598 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009659.D
Acq: 17 May 2019 13:32

Tgt Ion: 98 Resp: 235135
Ion Ratio Lower Upper
98 100
100 63.3 52.3 78.5

