

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002196.D
 Acq On : 01 Jun 2018 00:22
 Operator : JC/MD
 Sample : J3232-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Jun 01 11:59:09 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	47976	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	271156	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	238398	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	118803	31.47	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.90%
60) 4-Bromofluorobenzene	11.14	95	108984	26.71	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.03%
63) Toluene-d8	8.72	98	326173	30.70	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.33%

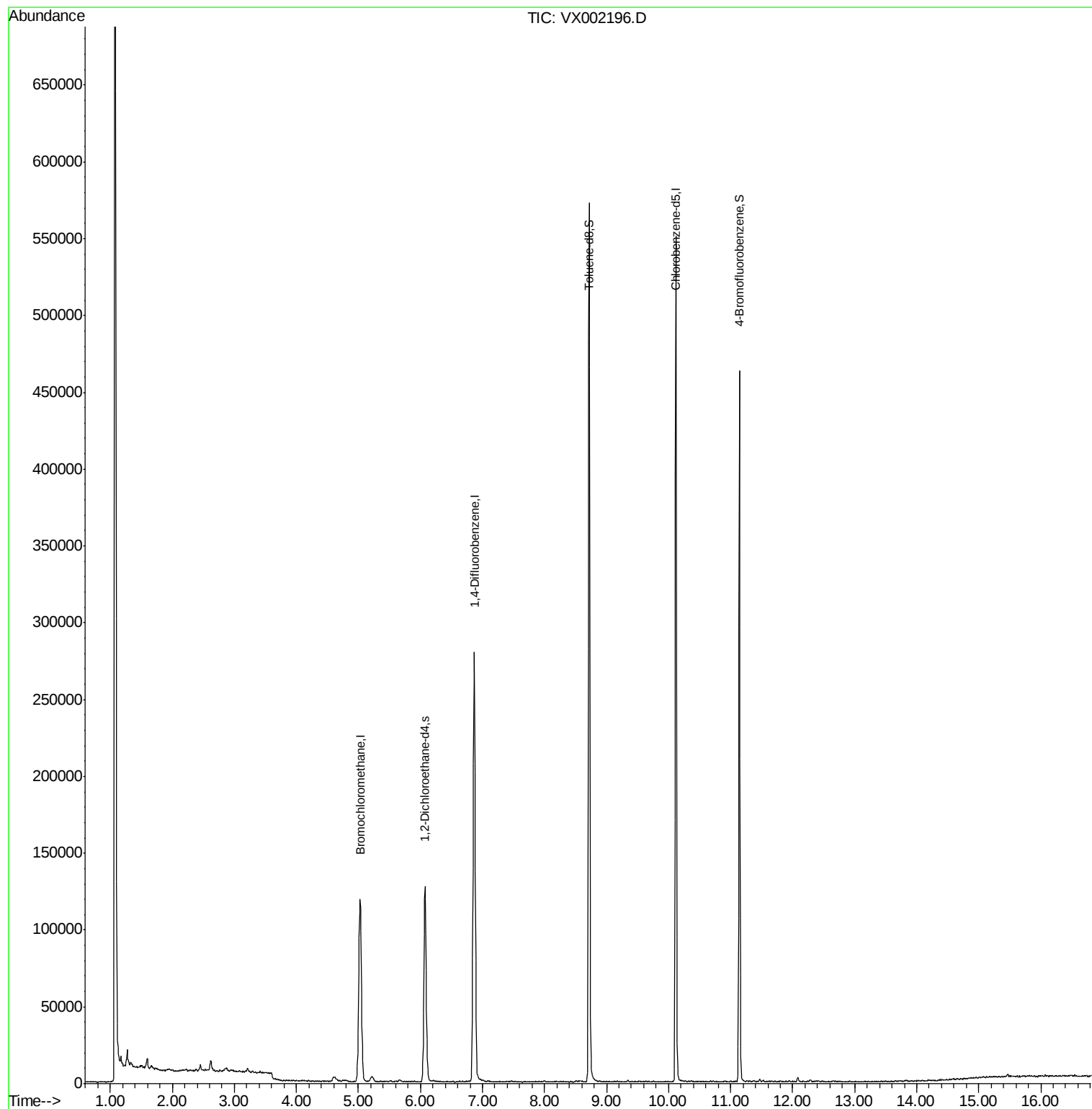
Target Compounds	Ovalue

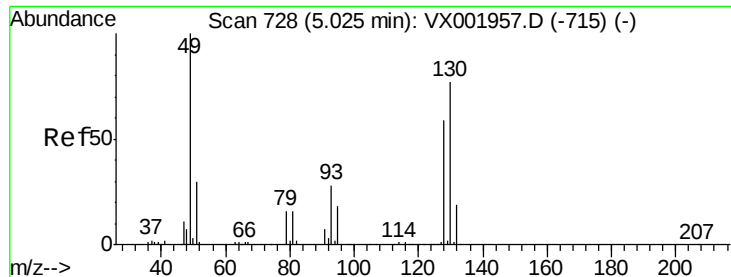
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002196.D

Acq: 01 Jun 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

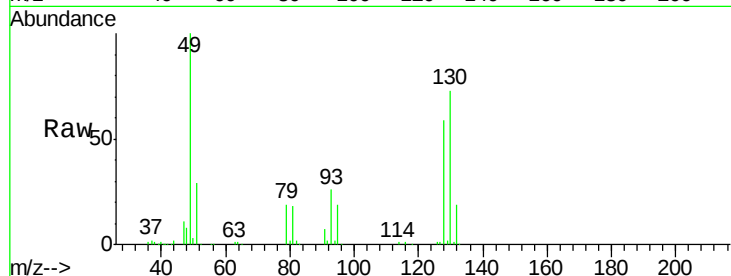
Tot Ion:128 Resp: 47976

Ion Ratio Lower Upper

128 100

49 172.4 0.0 423.0

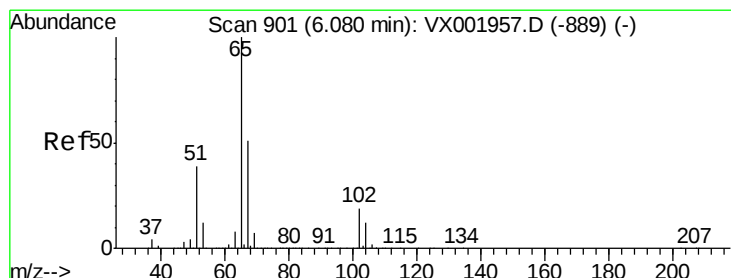
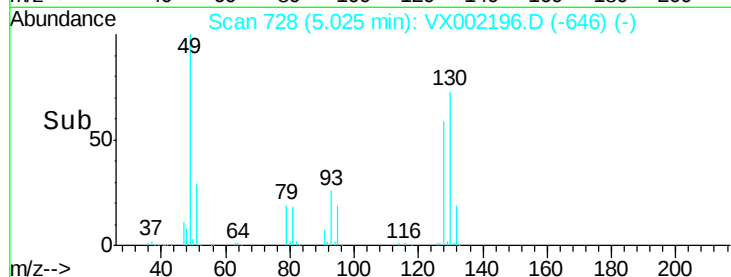
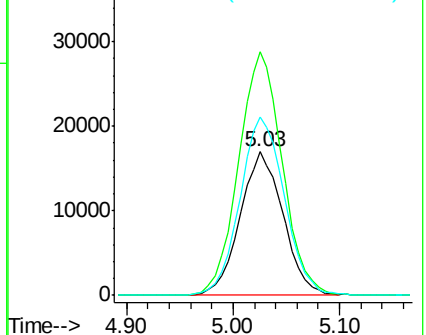
130 128.9 0.0 324.3



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: 31.469 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX002196.D

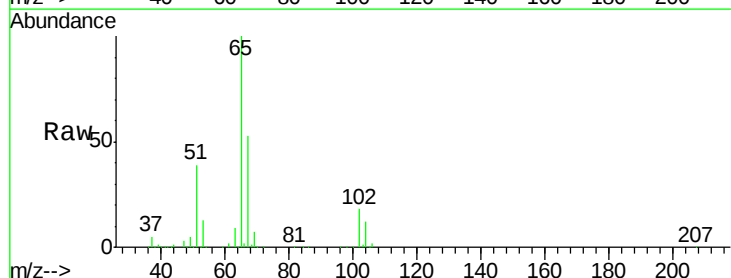
Acq: 01 Jun 2018 00:22

Tgt Ion: 65 Resp: 118803

Ion Ratio Lower Upper

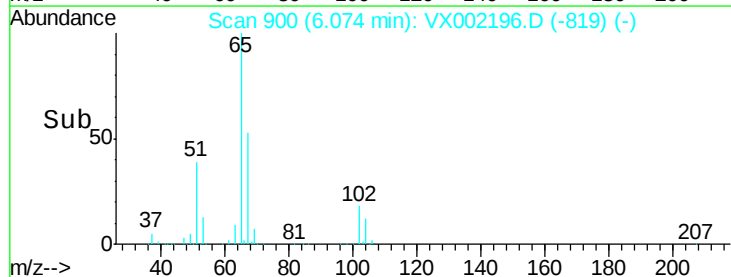
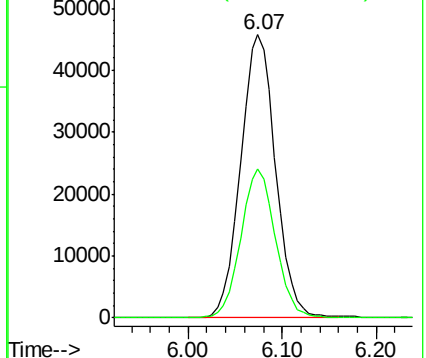
65 100

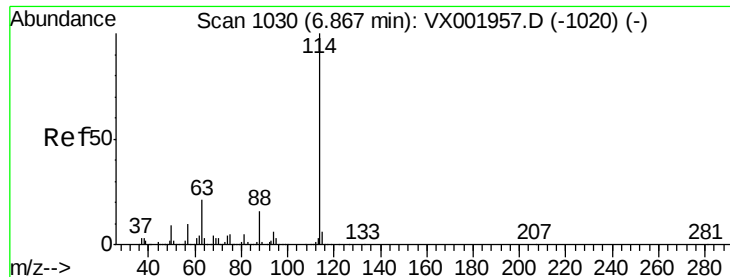
67 51.9 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

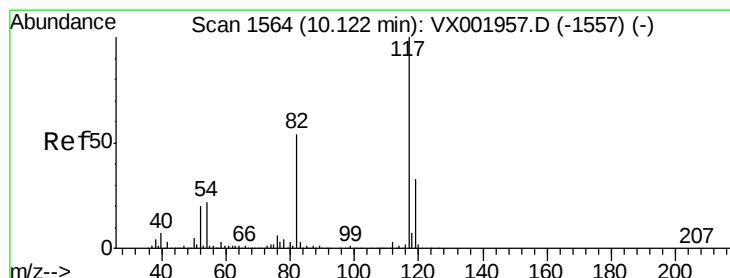
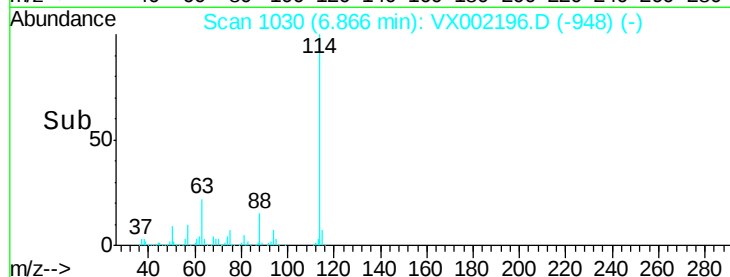
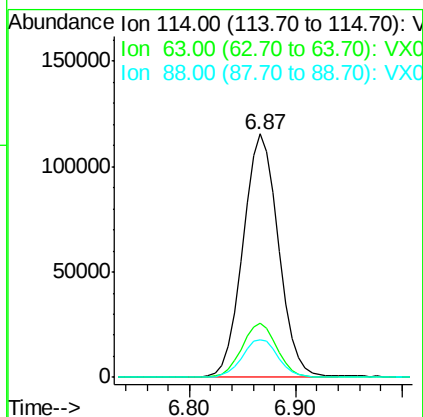
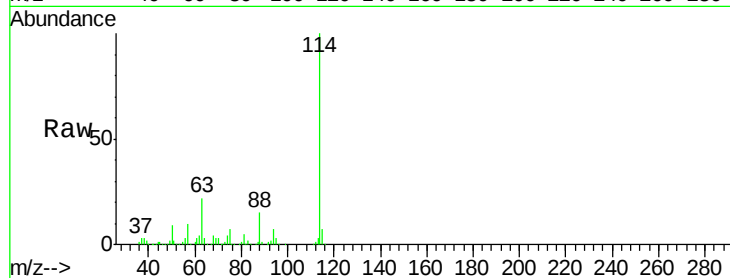




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002196.D
 Acq: 01 Jun 2018 00:22

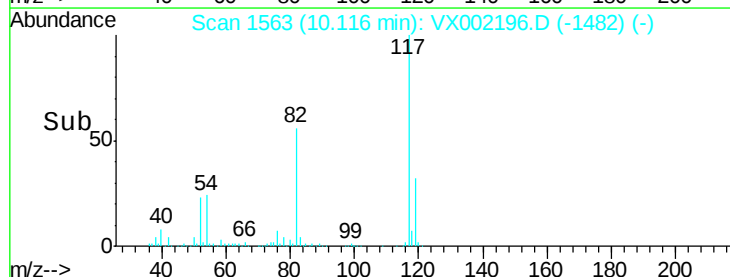
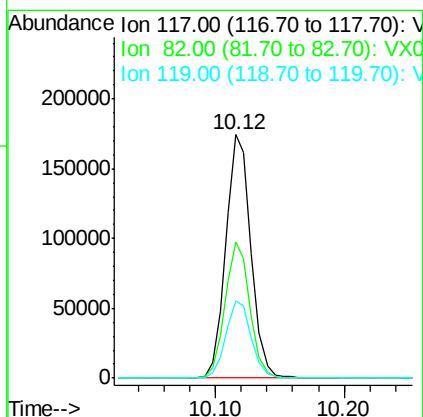
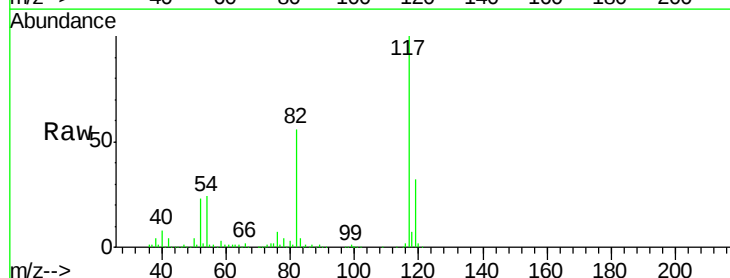
Instrument :
 MSVOA_X
 ClientSampleId :
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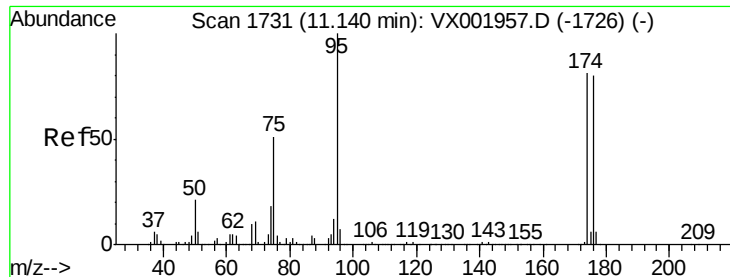
Tot Ion:114 Resp: 271156
 Ion Ratio Lower Upper
 114 100
 63 22.0 17.1 25.7
 88 15.8 12.6 19.0



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: VX002196.D
 Acq: 01 Jun 2018 00:22

Tgt Ion:117 Resp: 238398
 Ion Ratio Lower Upper
 117 100
 82 55.2 44.3 66.5
 119 32.0 25.7 38.5

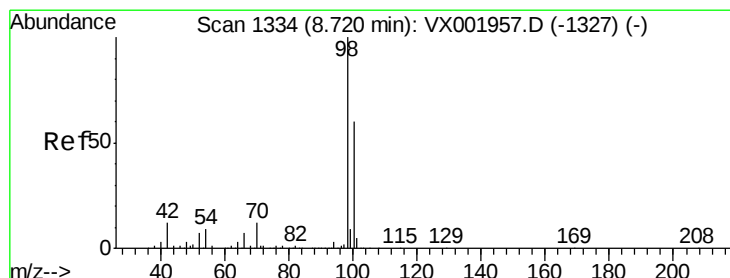
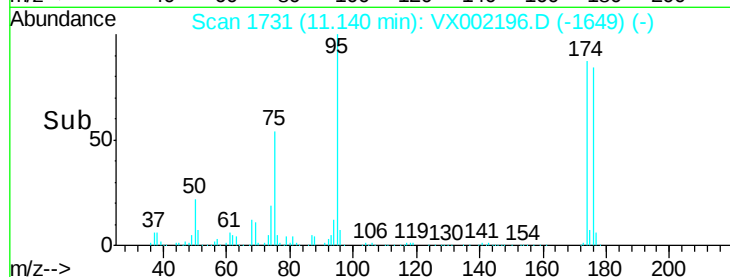
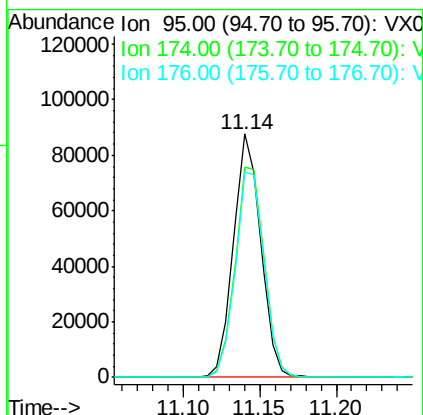
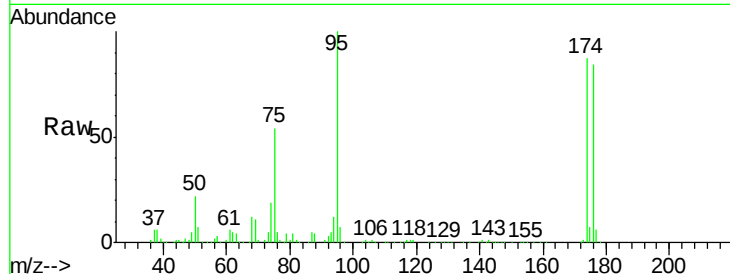




#60
4-Bromofluorobenzene
Concen: 26.705 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002196.D
Acq: 01 Jun 2018 00:22

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tot Ion: 95 Resp: 108984
Ion Ratio Lower Upper
95 100
174 91.5 71.8 107.6
176 88.8 70.1 105.1



#63
Toluene-d8
Concen: 30.697 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002196.D
Acq: 01 Jun 2018 00:22

Tgt Ion: 98 Resp: 326173
Ion Ratio Lower Upper
98 100
100 63.2 50.8 76.2

