

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001310.D
 Acq On : 02 May 2018 10:59
 Operator : JC/MD
 Sample : VX0502WBL03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBL03

Quant Time: May 03 05:08:43 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X043018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 01 09:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	31269	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	170180	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	154267	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	67423	29.89	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.63%
60) 4-Bromofluorobenzene	11.14	95	66512	25.73	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	85.77%
63) Toluene-d8	8.72	98	196617	29.72	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.07%

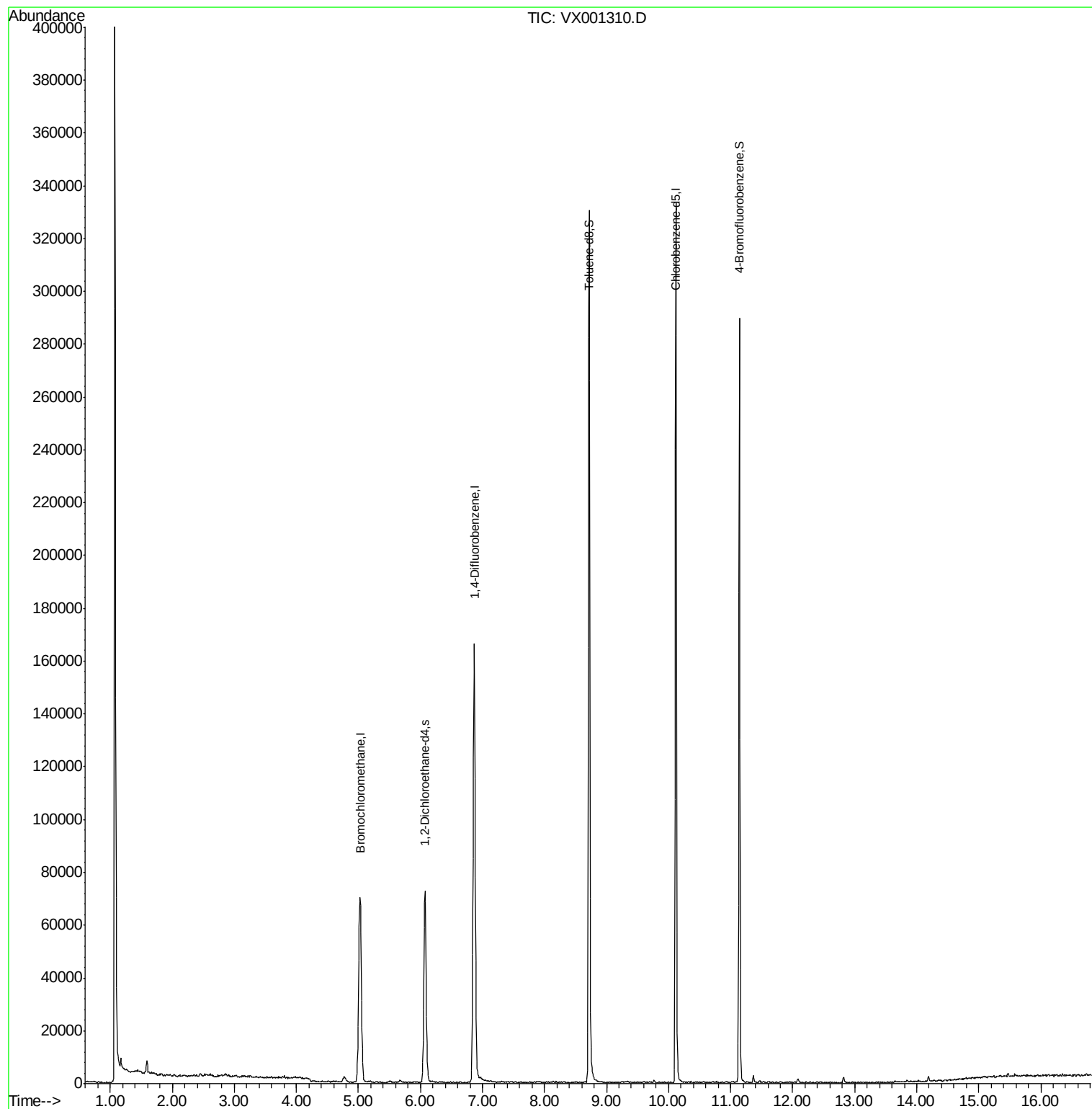
Target Compounds	Ovalue

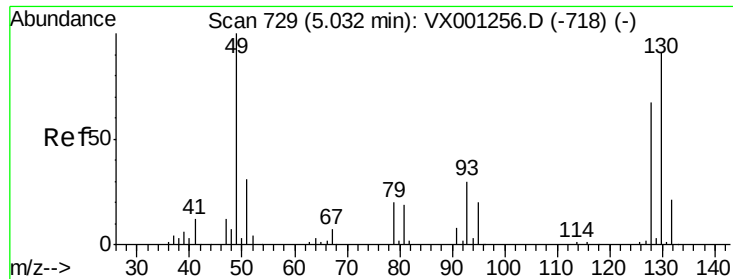
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 01 09:17:40 2018
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001310.D

Acq: 02 May 2018 10:59

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VX0502WBL03

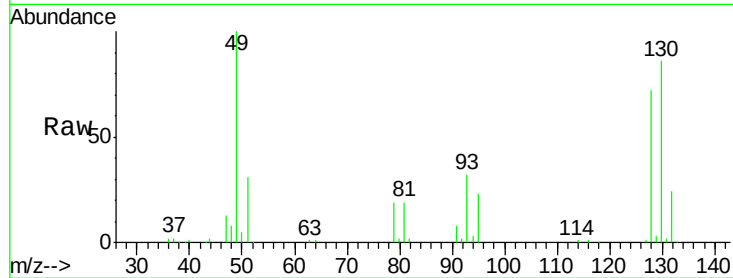
Tot Ion:128 Resp: 31269

Ion Ratio Lower Upper

128 100

49 143.2 0.0 378.3

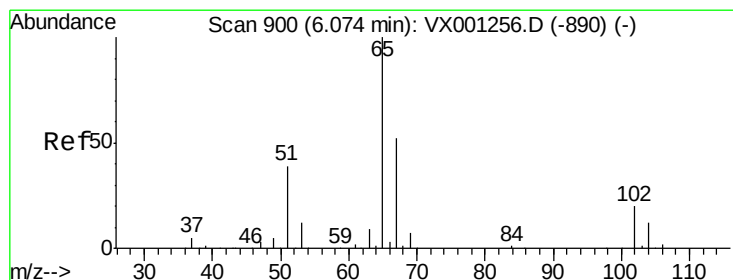
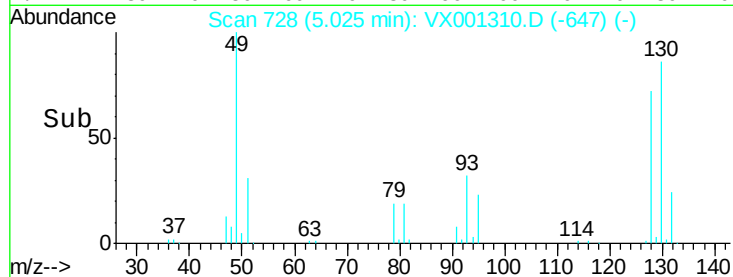
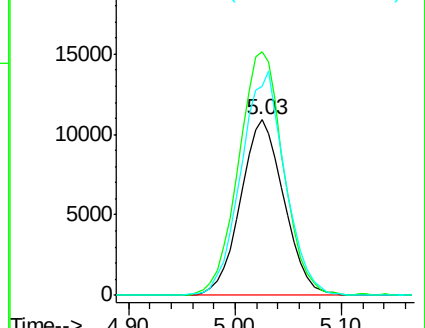
130 129.3 0.0 324.3



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: 29.89 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001310.D

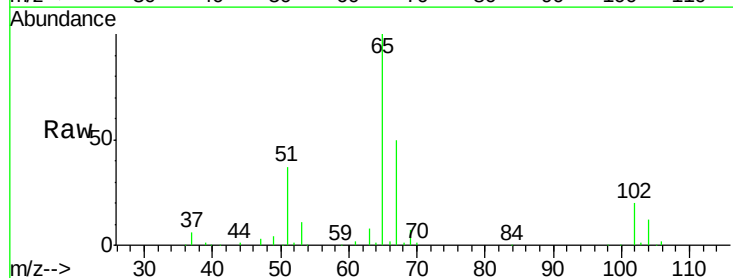
Acq: 02 May 2018 10:59

Tgt Ion: 65 Resp: 67423

Ion Ratio Lower Upper

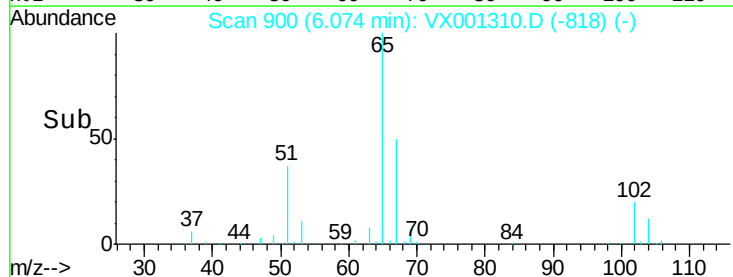
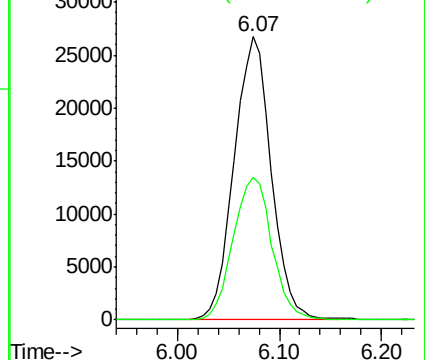
65 100

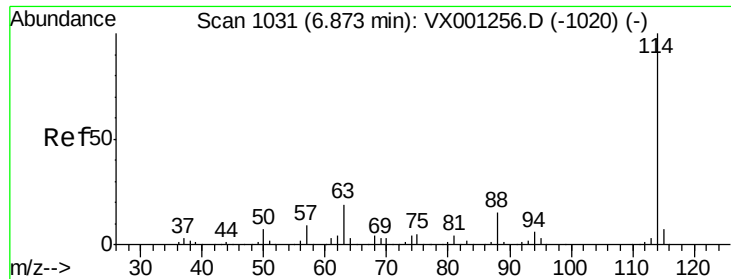
67 52.7 41.4 62.2



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# 1030

Delta R.T. -0.00 min

Lab File: VX001310.D

Acq: 02 May 2018 10:59

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBL03

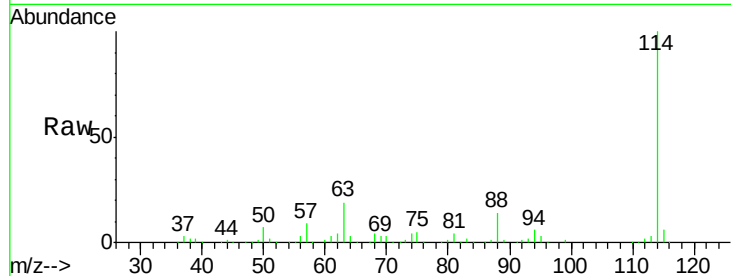
Tot Ion:114 Resp: 170180

Ion Ratio Lower Upper

114 100

63 19.2 15.0 22.4

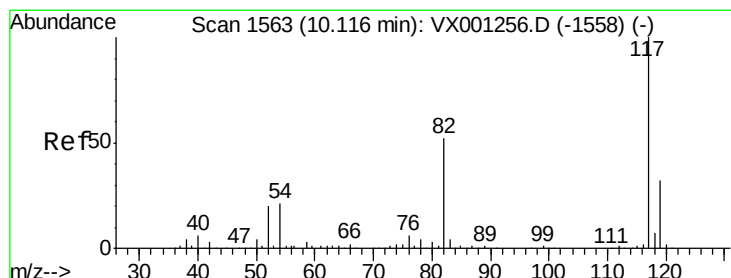
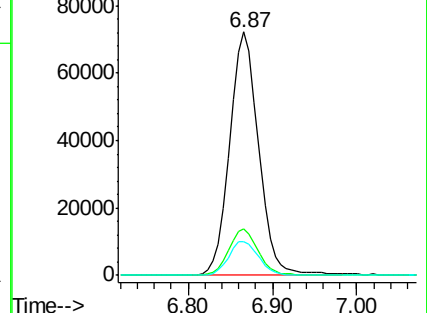
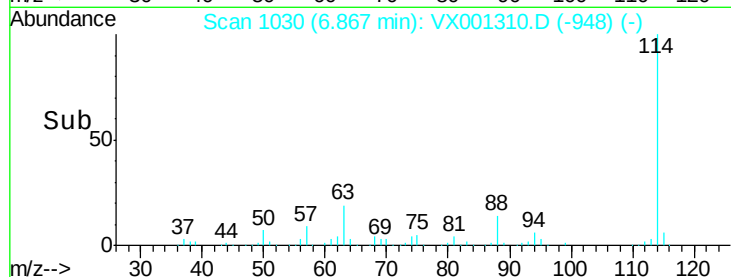
88 14.5 11.8 17.8



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: 30.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001310.D

Acq: 02 May 2018 10:59

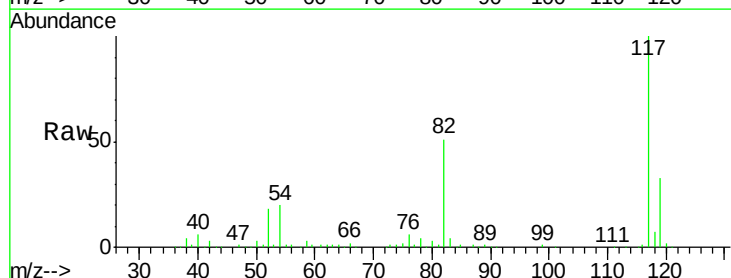
Tgt Ion:117 Resp: 154267

Ion Ratio Lower Upper

117 100

82 50.7 43.0 64.4

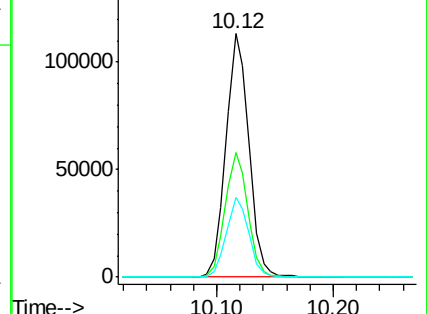
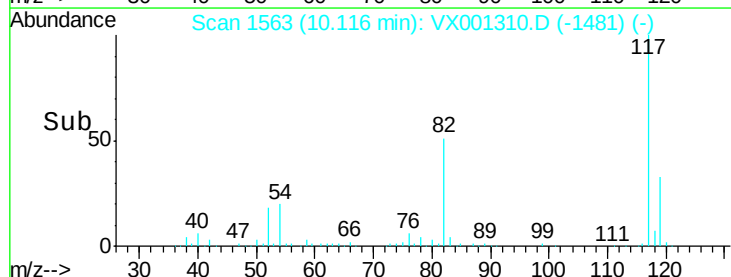
119 32.3 25.8 38.8

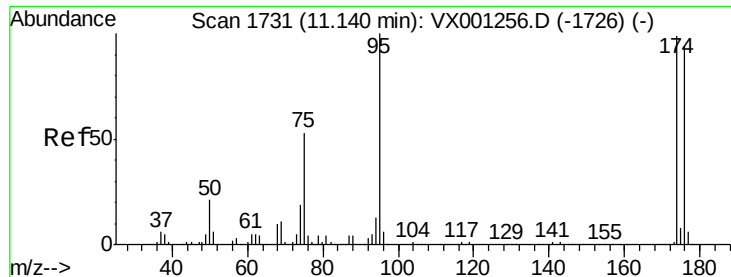


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

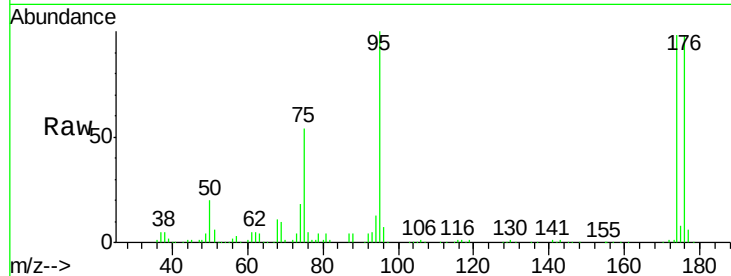




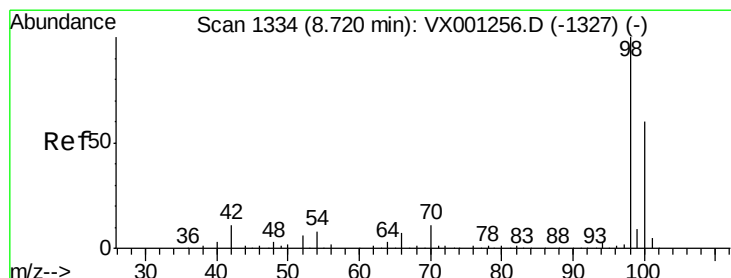
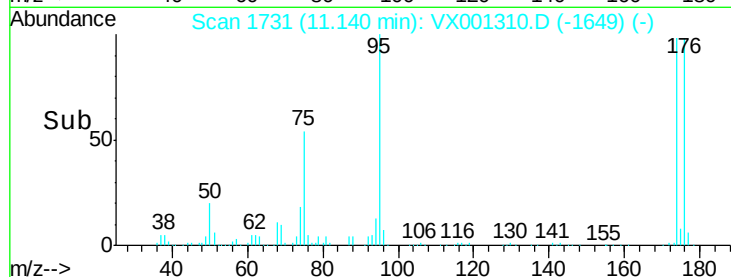
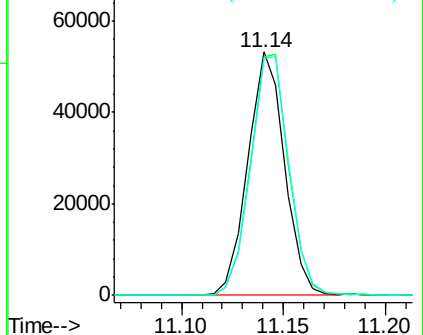
#60
 4-Bromofluorobenzene
 Concen: 25.73 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.00 min
 Lab File: VX001310.D
 Acq: 02 May 2018 10:59

Instrument :
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 VX0502WBL03

Tot Ion: 95 Resp: 66512
 Ion Ratio Lower Upper
 95 100
 174 103.8 71.1 106.7
 176 103.0 69.3 103.9

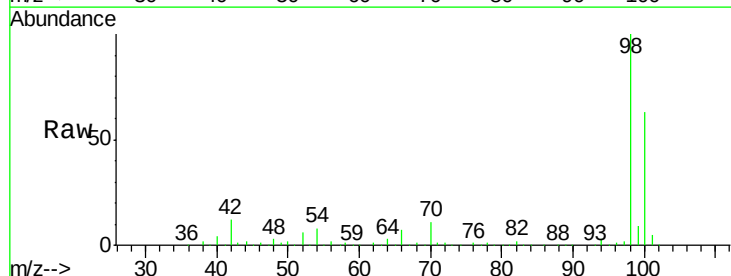


Abundance Ion 95.00 (94.70 to 95.70): VX0
 Ion 174.00 (173.70 to 174.70): V
 Ion 176.00 (175.70 to 176.70): V



#63
 Toluene-d8
 Concen: 29.72 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX001310.D
 Acq: 02 May 2018 10:59

Tgt Ion: 98 Resp: 196617
 Ion Ratio Lower Upper
 98 100
 100 62.9 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

