

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053018\
 Data File : VX002148.D
 Acq On : 30 May 2018 20:25
 Operator : JC/MD
 Sample : IBLK01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK01

Quant Time: May 31 04:41:24 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	34756	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	191925	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	161417	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	87139	31.86	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.20%
60) 4-Bromofluorobenzene	11.14	95	73091	26.45	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.17%
63) Toluene-d8	8.72	98	226553	31.49	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	104.97%

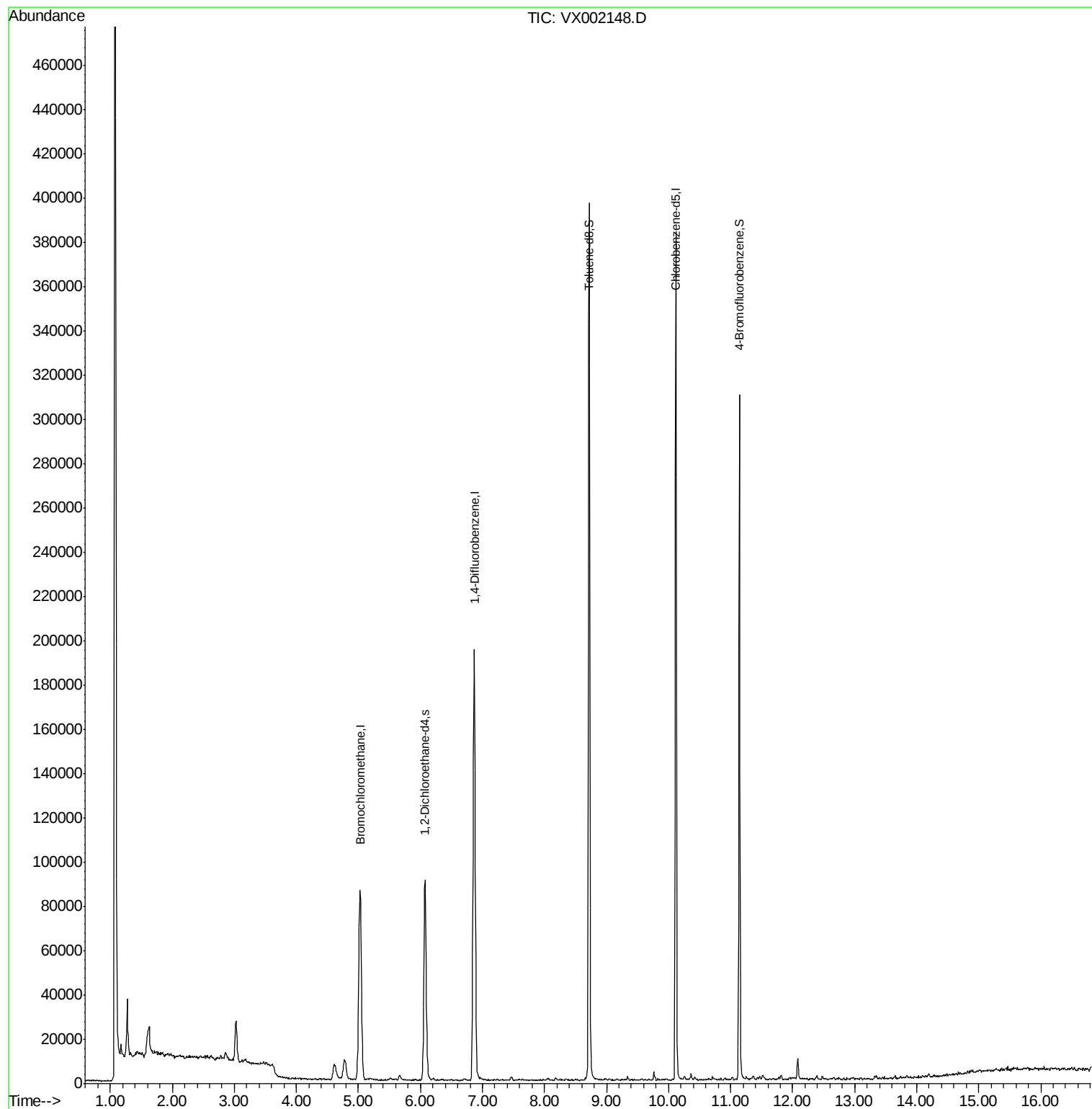
Target Compounds	Ovalue

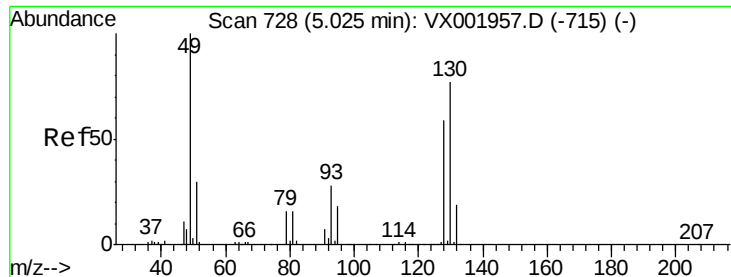
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX002148.D

Acq: 30 May 2018 20:25

Instrument :

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IBLK01

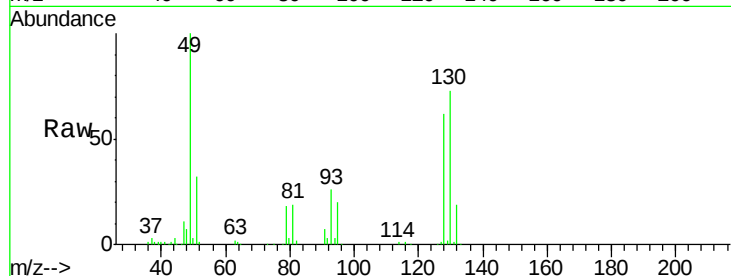
Tot Ion:128 Resp: 34756

Ion Ratio Lower Upper

128 100

49 176.1 0.0 423.0

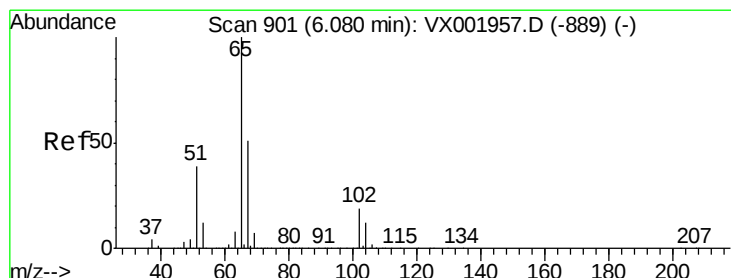
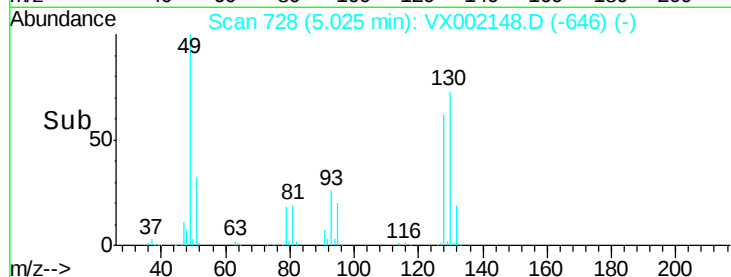
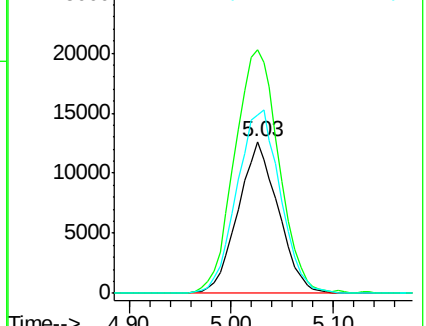
130 130.4 0.0 324.3



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: 31.86 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.01 min

Lab File: VX002148.D

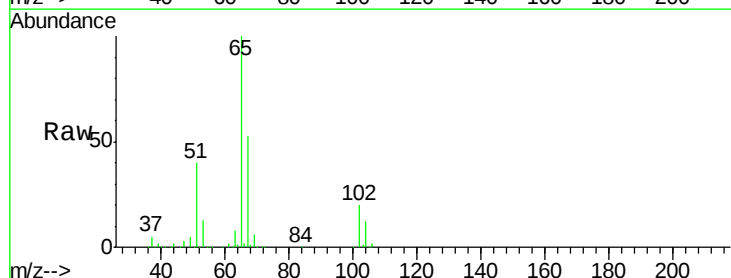
Acq: 30 May 2018 20:25

Tgt Ion: 65 Resp: 87139

Ion Ratio Lower Upper

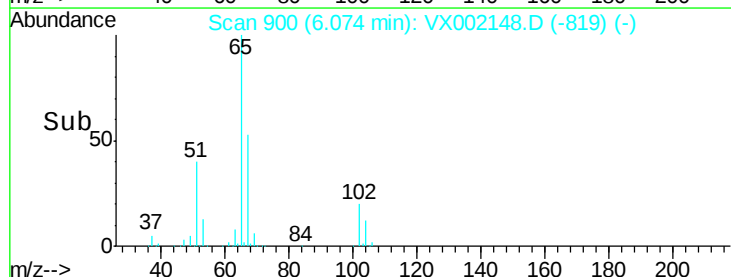
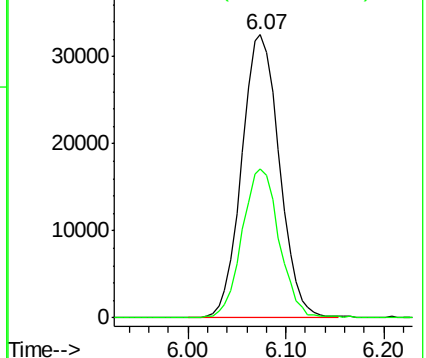
65 100

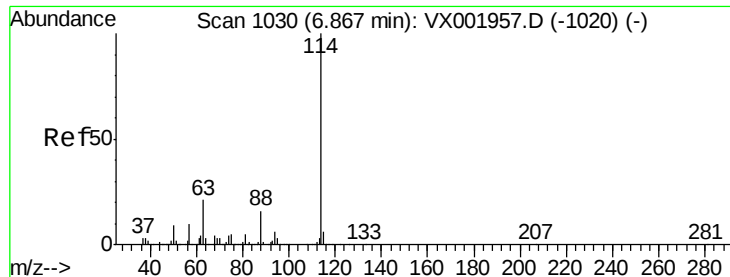
67 51.7 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002148.D

Acq: 30 May 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

IBLK01

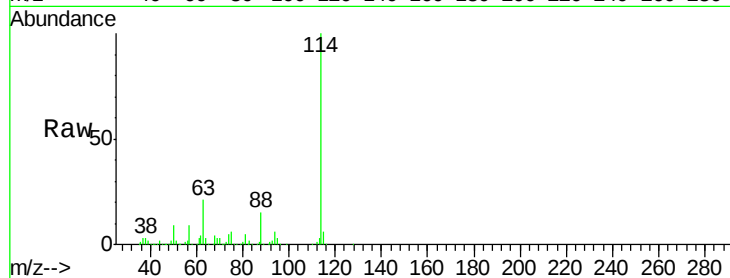
Tot Ion:114 Resp: 191925

Ion Ratio Lower Upper

114 100

63 21.4 17.1 25.7

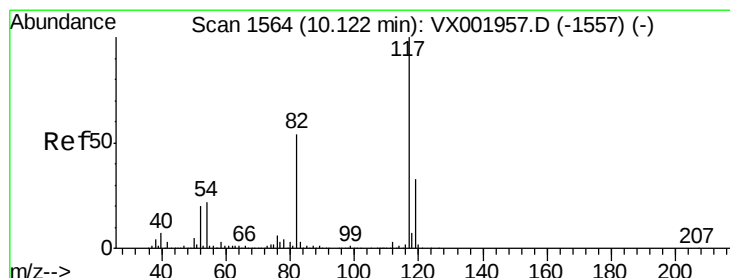
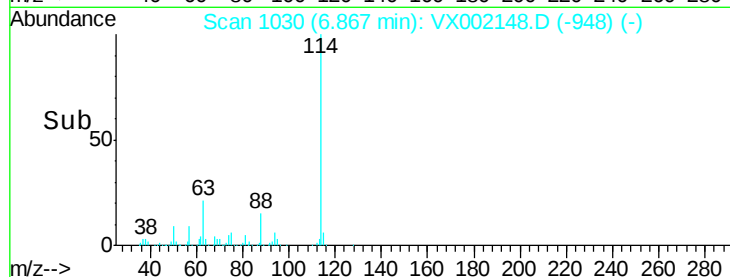
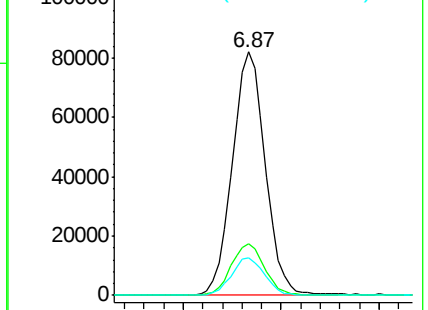
88 15.5 12.6 19.0



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. -0.01 min

Lab File: VX002148.D

Acq: 30 May 2018 20:25

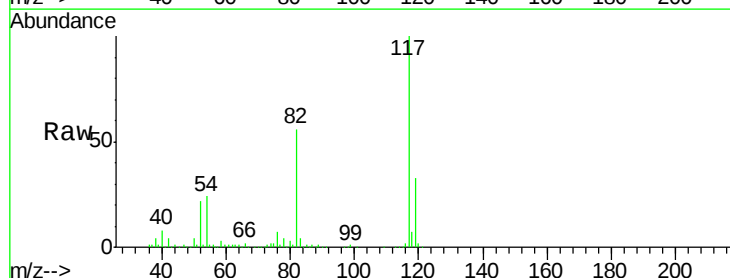
Tgt Ion:117 Resp: 161417

Ion Ratio Lower Upper

117 100

82 56.1 44.3 66.5

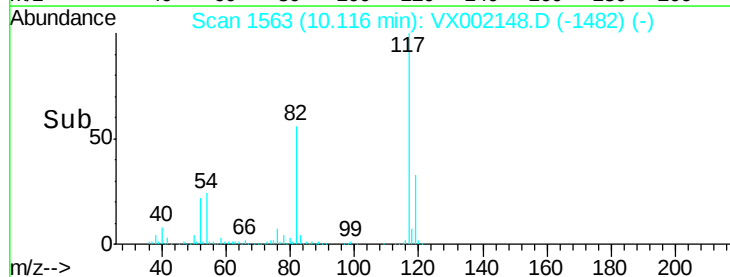
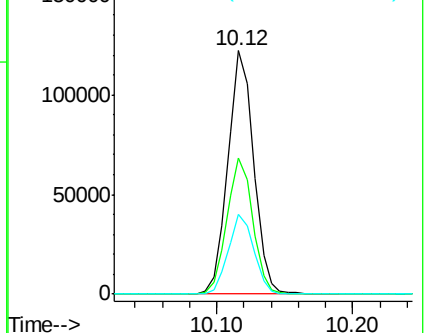
119 32.7 25.7 38.5

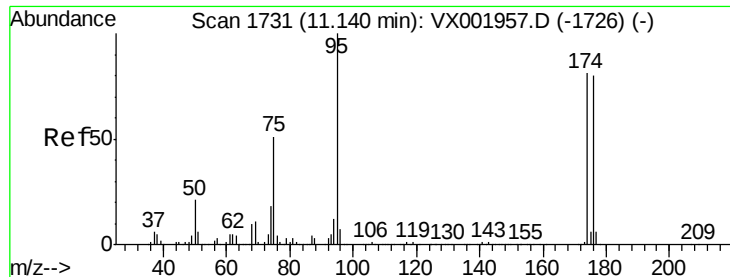


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 26.45 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002148.D

Acq: 30 May 2018 20:25

Instrument :

MSVOA_X

ClientSampleId :

IBLK01

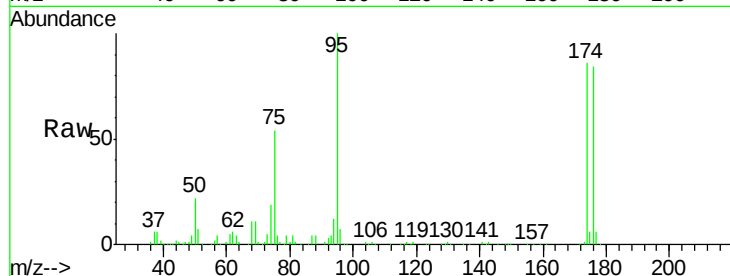
Tot Ion: 95 Resp: 73091

Ion Ratio Lower Upper

95 100

174 90.5 71.8 107.6

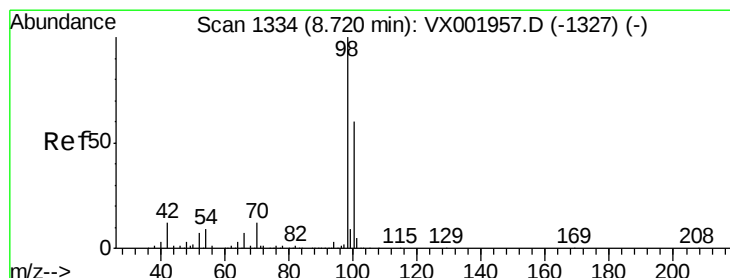
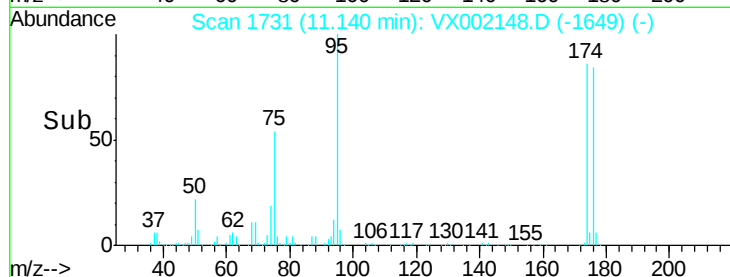
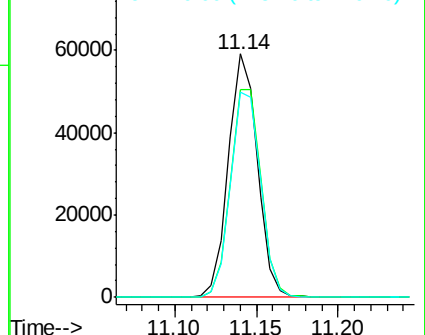
176 88.2 70.1 105.1



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: 31.49 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002148.D

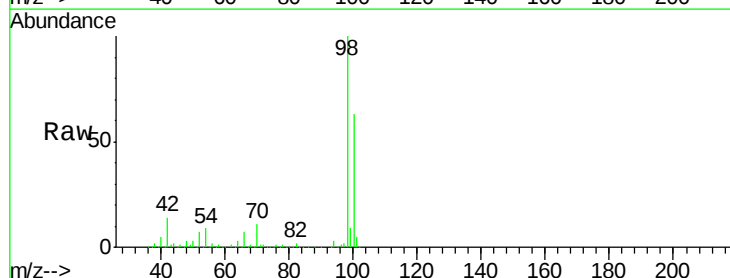
Acq: 30 May 2018 20:25

Tgt Ion: 98 Resp: 226553

Ion Ratio Lower Upper

98 100

100 63.5 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

