

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009369.D
 Acq On : 07 May 2019 11:03
 Operator : JC/SP
 Sample : VX0507WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBL01

Quant Time: May 08 02:17:05 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	31510	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	180607	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	153633	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	77770	29.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.17%
60) 4-Bromofluorobenzene	11.13	95	71754	27.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.63%
63) Toluene-d8	8.71	98	219313	30.11	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.37%

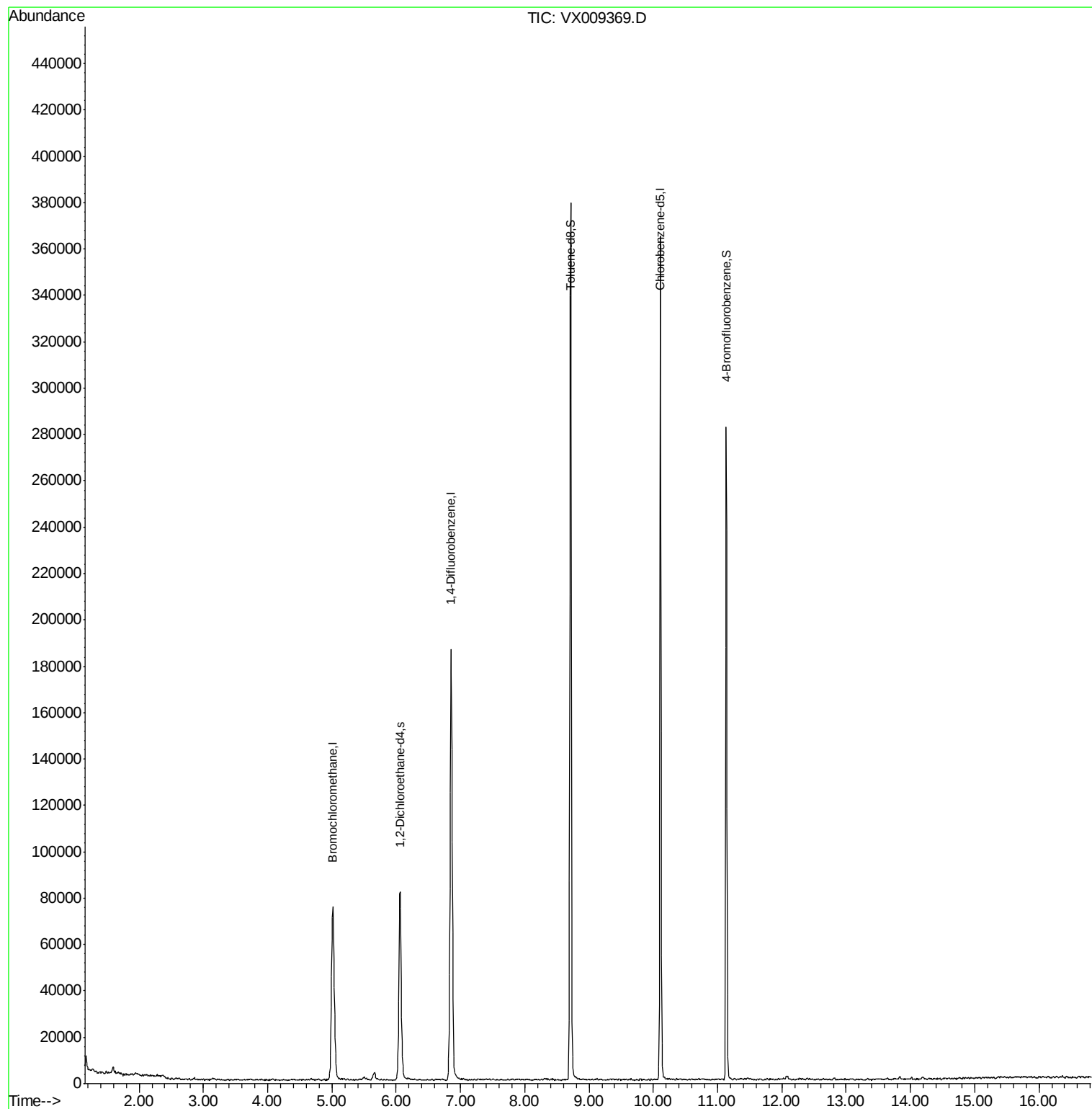
Target Compounds	Ovalue

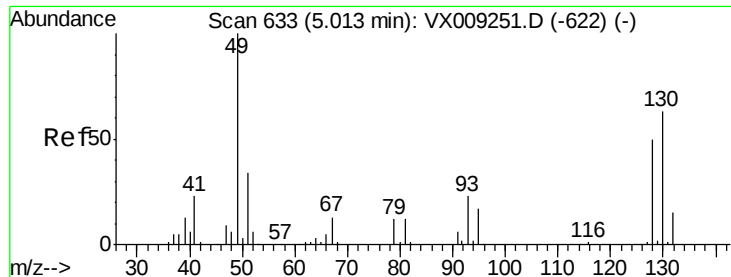
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: VX009369.D

Acq: 07 May 2019 11:03

Instrument :

MSVOA_X

ClientSampled :

VX0507WBL01

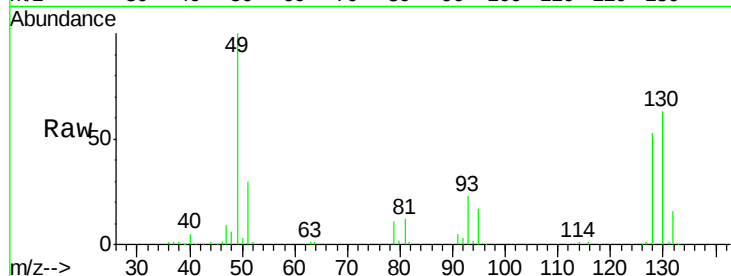
Tot Ion:128 Resp: 31510

Ion Ratio Lower Upper

128 100

49 196.8 0.0 515.0

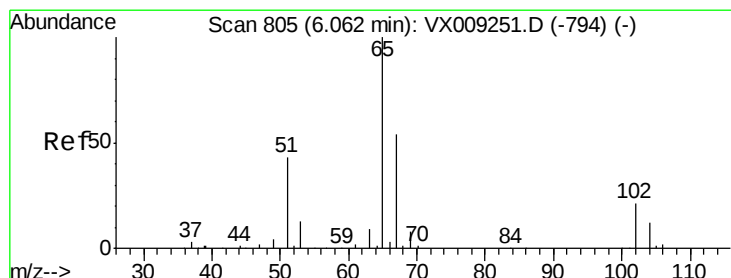
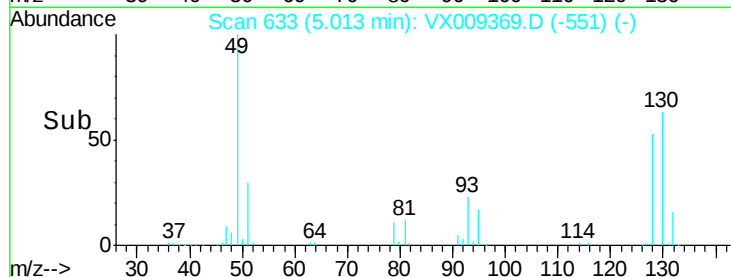
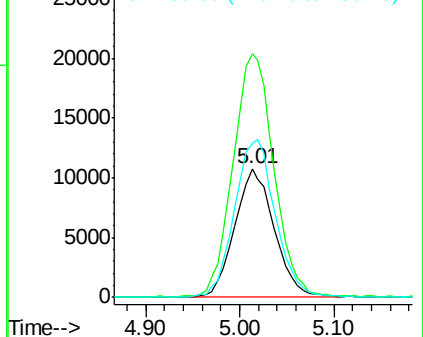
130 126.8 0.0 323.3



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: 29.753 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009369.D

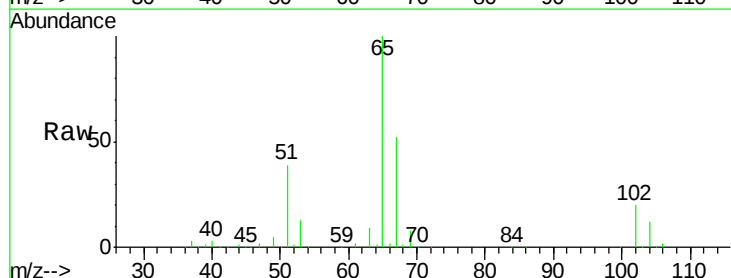
Acq: 07 May 2019 11:03

Tgt Ion: 65 Resp: 77770

Ion Ratio Lower Upper

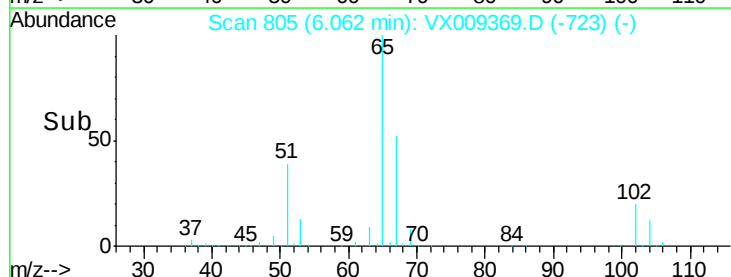
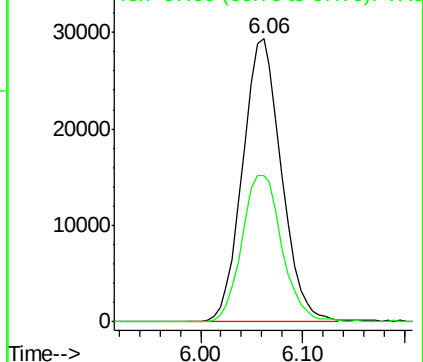
65 100

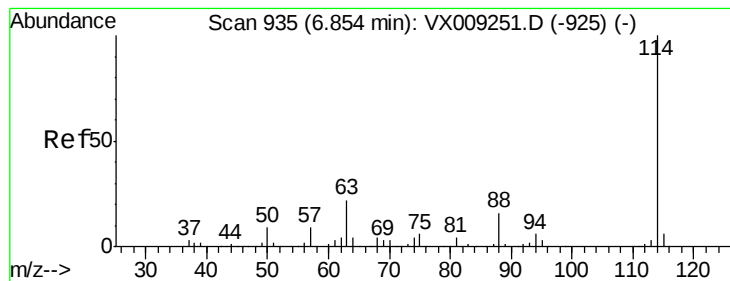
67 53.1 43.1 64.7



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: VX009369.D

Acq: 07 May 2019 11:03

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBL01

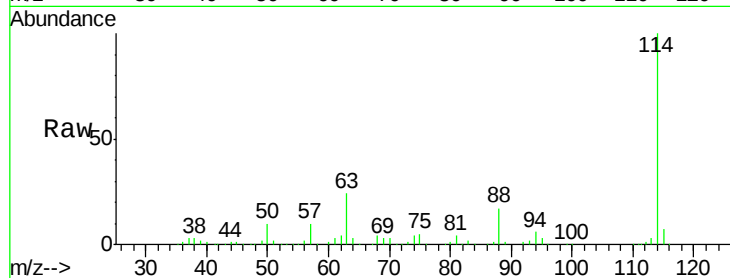
Tot Ion:114 Resp: 180607

Ion Ratio Lower Upper

114 100

63 23.2 18.0 27.0

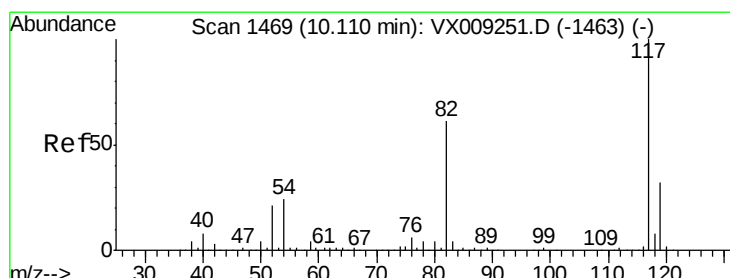
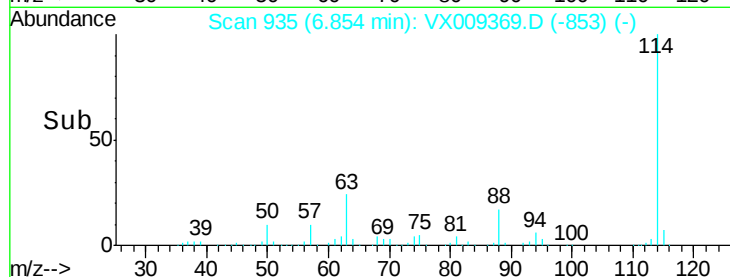
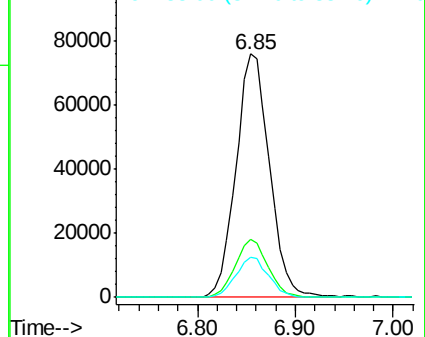
88 16.1 13.4 20.0



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: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009369.D

Acq: 07 May 2019 11:03

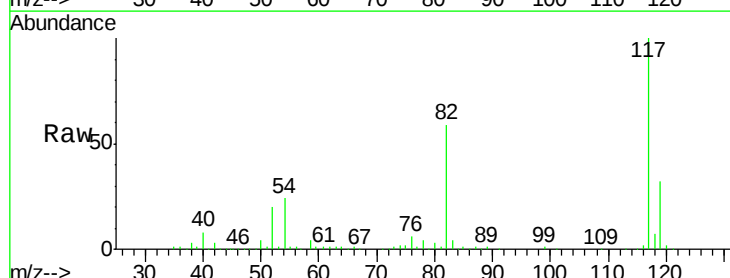
Tgt Ion:117 Resp: 153633

Ion Ratio Lower Upper

117 100

82 58.4 47.8 71.8

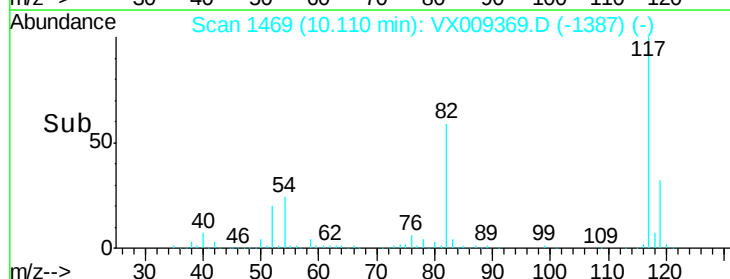
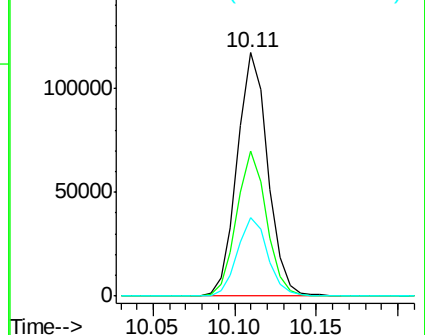
119 32.2 25.6 38.4

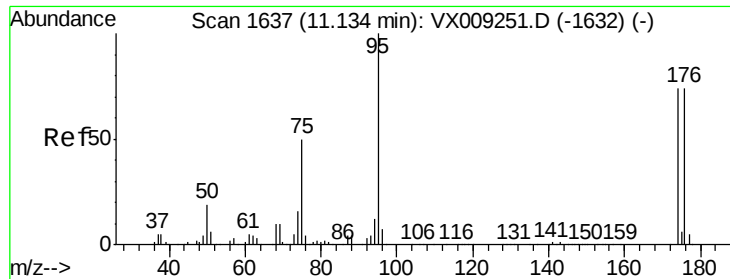


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 27.486 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009369.D

Acq: 07 May 2019 11:03

Instrument :

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VX0507WBL01

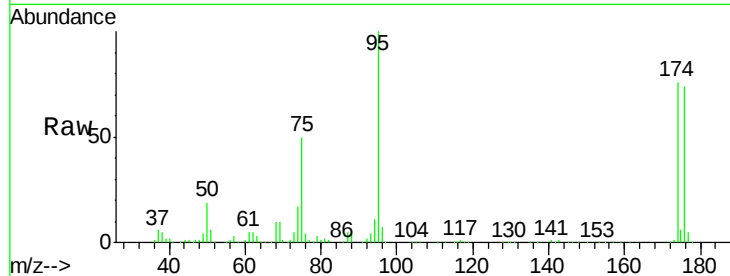
Tot Ion: 95 Resp: 71754

Ion Ratio Lower Upper

95 100

174 81.7 63.6 95.4

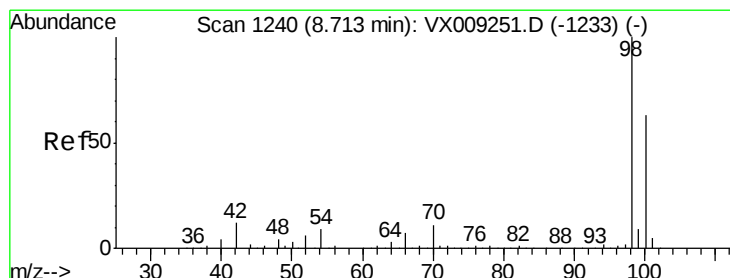
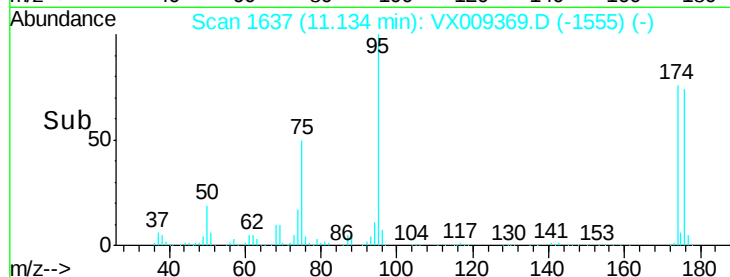
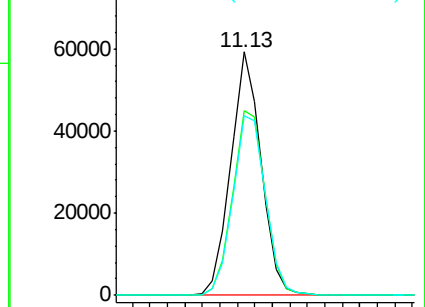
176 79.8 62.4 93.6



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: 30.109 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009369.D

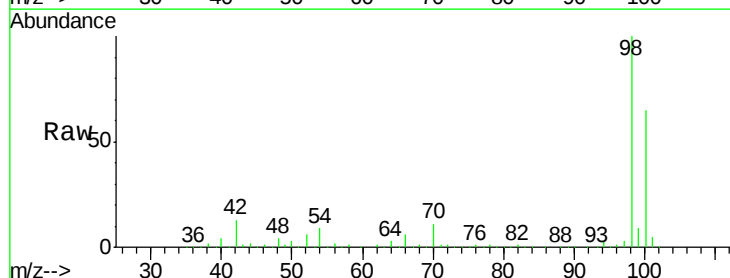
Acq: 07 May 2019 11:03

Tgt Ion: 98 Resp: 219313

Ion Ratio Lower Upper

98 100

100 64.8 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

