

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX030818\
 Data File : VX000246.D
 Acq On : 09 Mar 2018 02:31
 Operator : JC/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK

Quant Time: Mar 09 05:59:47 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X022018W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 21 06:17:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.04	128	19563	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.87	114	113015	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	101949	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.08	65	49973	33.01	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	110.03%
60) 4-Bromofluorobenzene	11.15	95	46959	28.16	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.87%
63) Toluene-d8	8.73	98	135330	30.99	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.30%

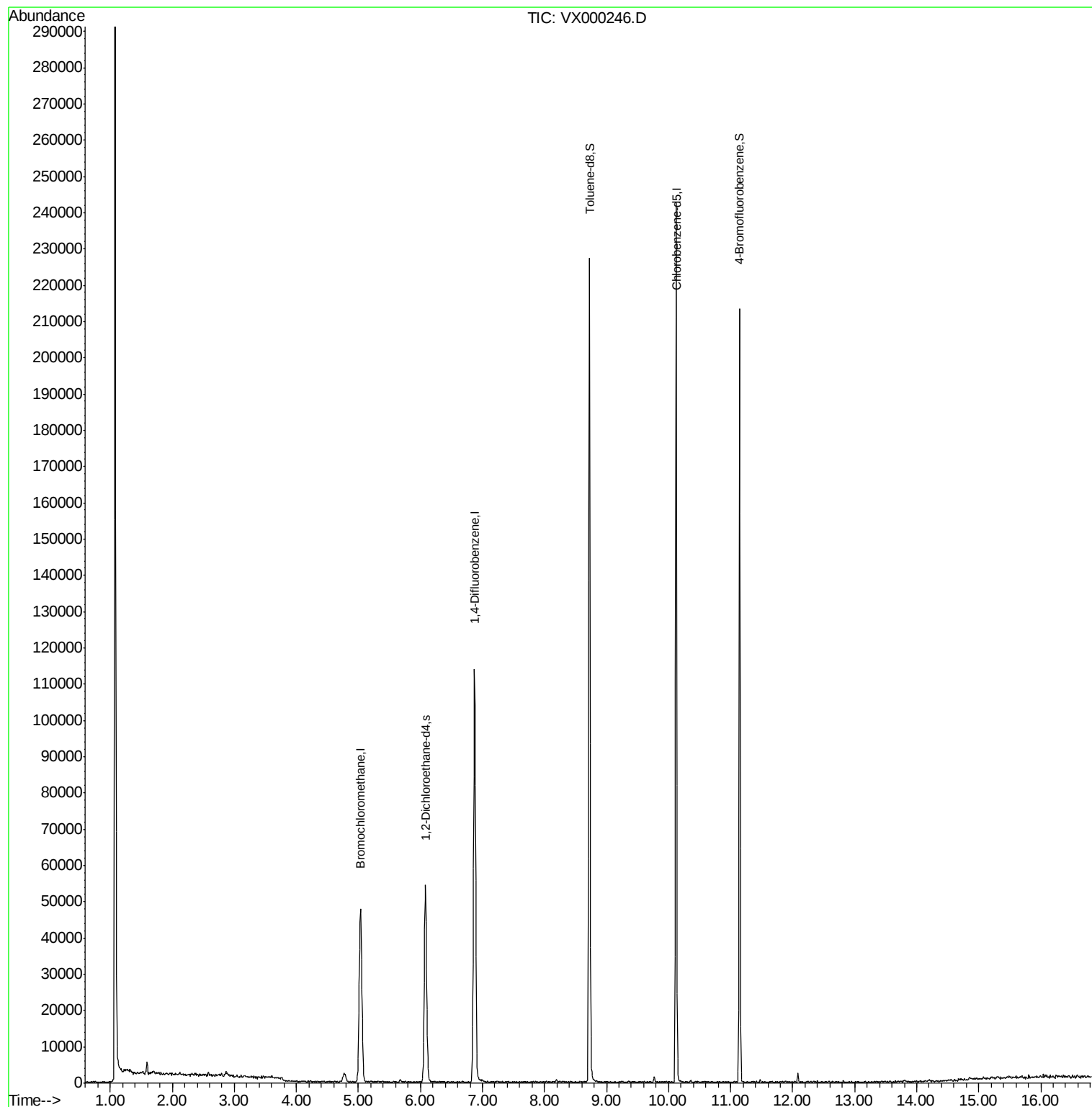
Target Compounds	Ovalue

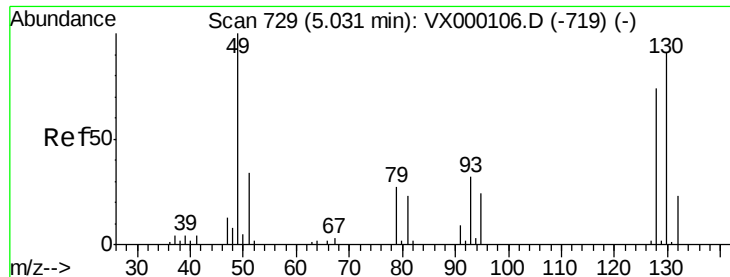
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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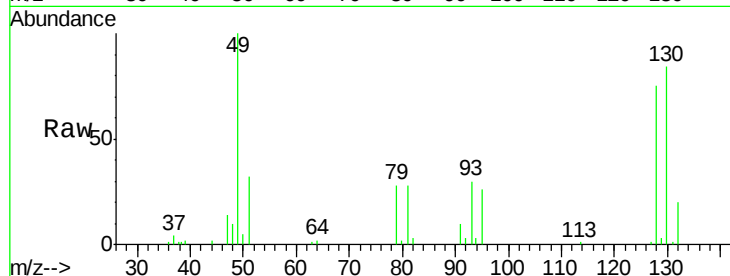




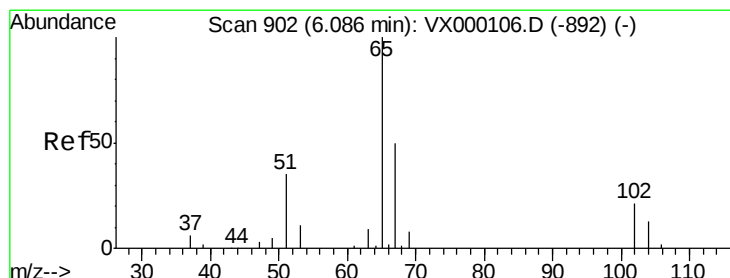
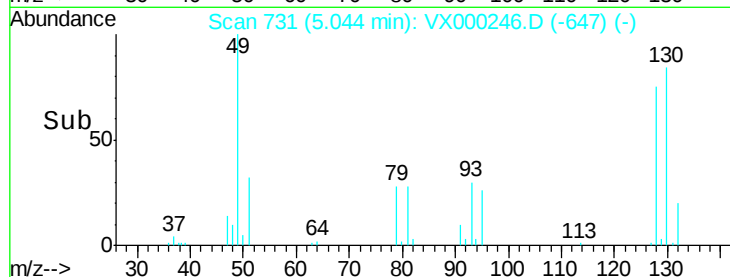
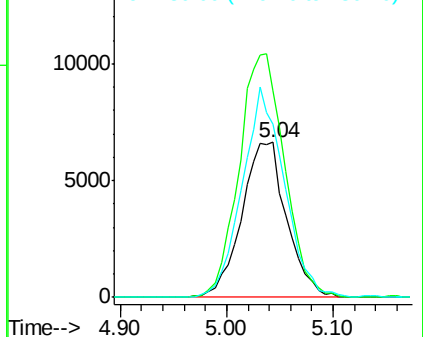
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.04 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX000246.D
Acq: 09 Mar 2018 02:31

Instrument :
MSVOA_X
ClientSampled :
VIBLK

Tot Ion:128 Resp: 19563
Ion Ratio Lower Upper
128 100
49 159.4 0.0 378.3
130 126.4 0.0 324.3

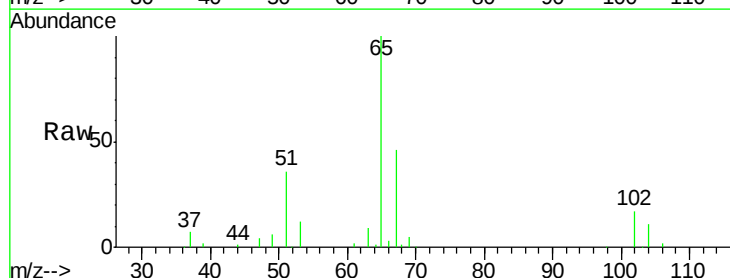


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V

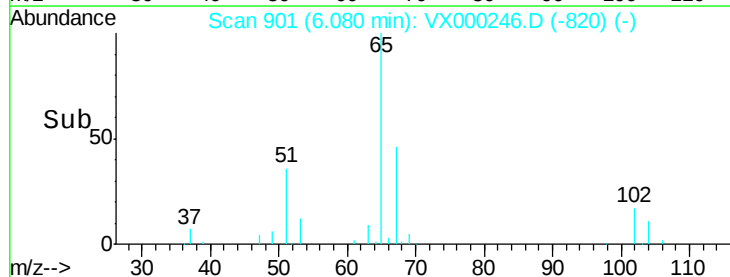
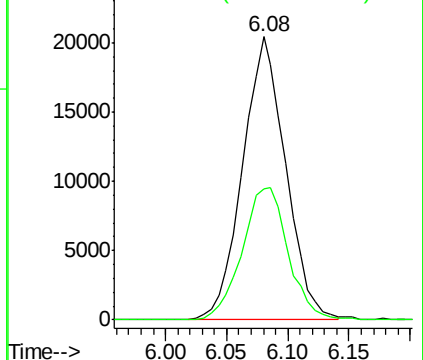


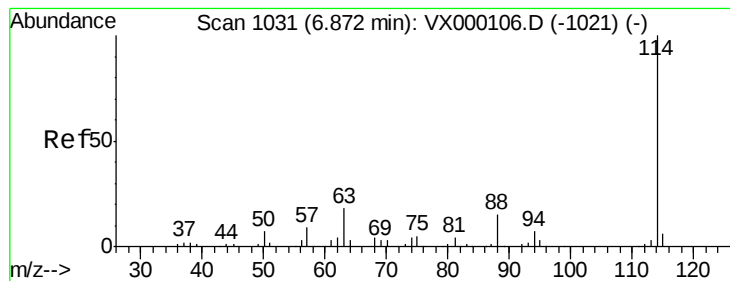
#27
1,2-Dichloroethane-d4
Concen: 33.01 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.01 min
Lab File: VX000246.D
Acq: 09 Mar 2018 02:31

Tgt Ion: 65 Resp: 49973
Ion Ratio Lower Upper
65 100
67 49.9 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# 1031

Delta R.T. 0.00 min

Lab File: VX000246.D

Acq: 09 Mar 2018 02:31

Instrument :

MSVOA_X

ClientSampleId :

VIBLK

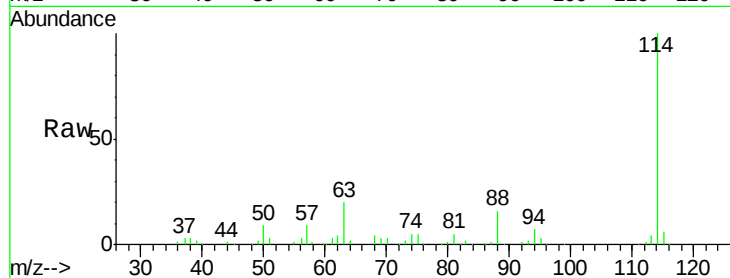
Tot Ion:114 Resp: 113015

Ion Ratio Lower Upper

114 100

63 19.6 15.0 22.4

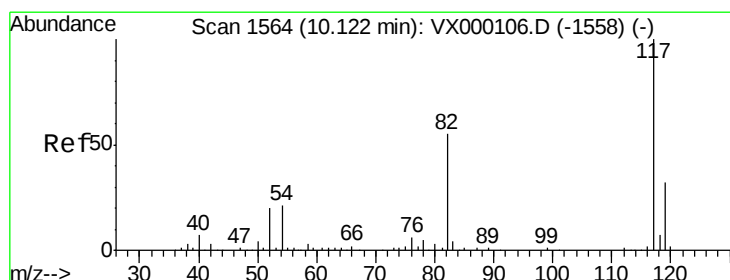
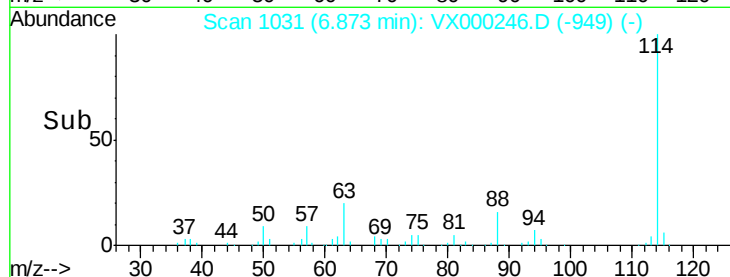
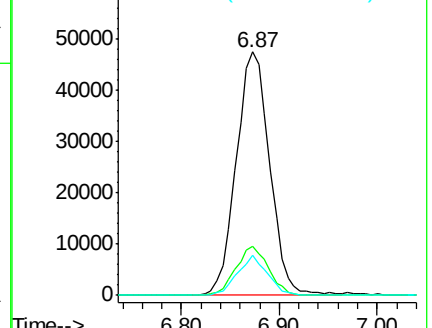
88 14.6 11.8 17.8



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# 1564

Delta R.T. 0.00 min

Lab File: VX000246.D

Acq: 09 Mar 2018 02:31

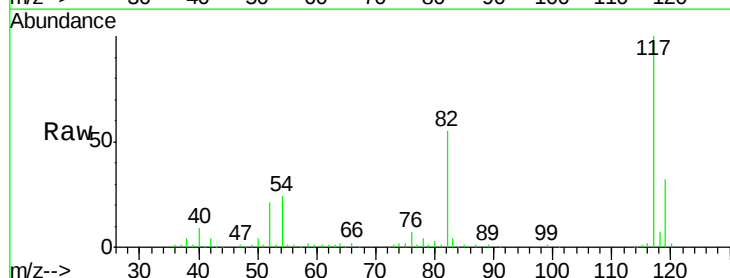
Tgt Ion:117 Resp: 101949

Ion Ratio Lower Upper

117 100

82 55.7 43.0 64.4

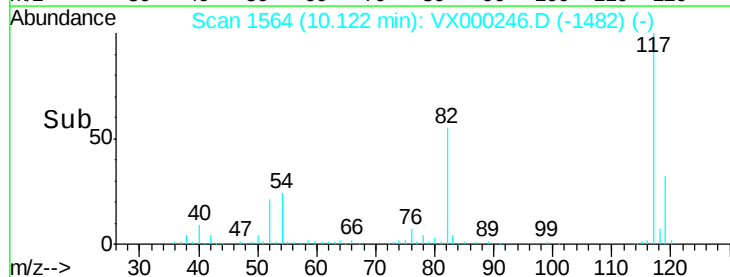
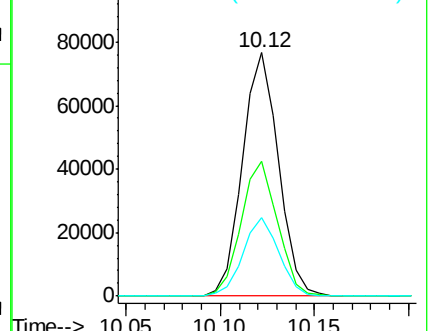
119 32.2 25.8 38.8

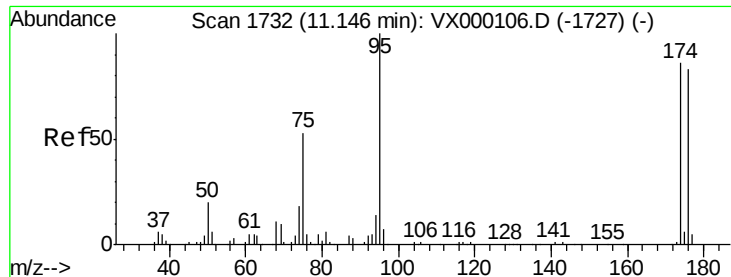


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

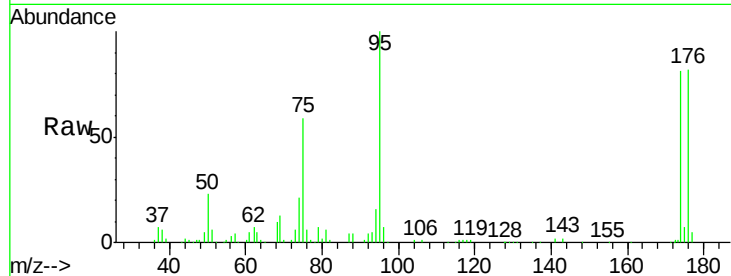




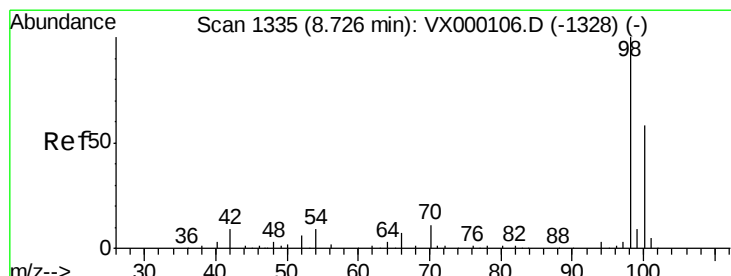
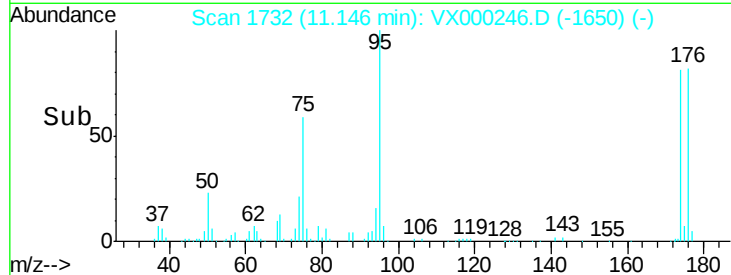
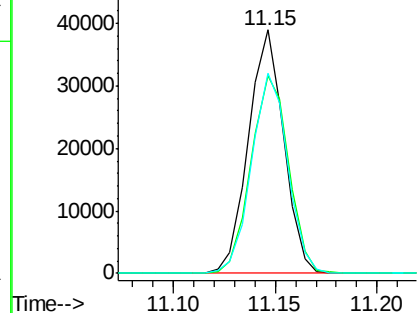
#60
4-Bromofluorobenzene
Concen: 28.16 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000246.D
Acq: 09 Mar 2018 02:31

Instrument :
MSVOA_X
ClientSampled :
VIBLK

Tot Ion: 95 Resp: 46959
Ion Ratio Lower Upper
95 100
174 86.2 71.1 106.7
176 84.2 69.3 103.9

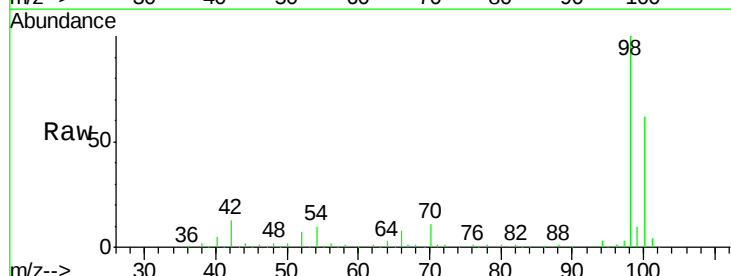


Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: 30.99 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000246.D
Acq: 09 Mar 2018 02:31

Tgt Ion: 98 Resp: 135330
Ion Ratio Lower Upper
98 100
100 61.6 50.0 75.0



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

