

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050418\
 Data File : VX001393.D
 Acq On : 04 May 2018 13:02
 Operator : JC/MD
 Sample : VX0504WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBL01

Quant Time: May 05 05:52:26 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	31139	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	170478	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	151741	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	67452	30.03	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.10%
60) 4-Bromofluorobenzene	11.14	95	66123	26.01	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	86.70%
63) Toluene-d8	8.72	98	191146	29.37	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.90%

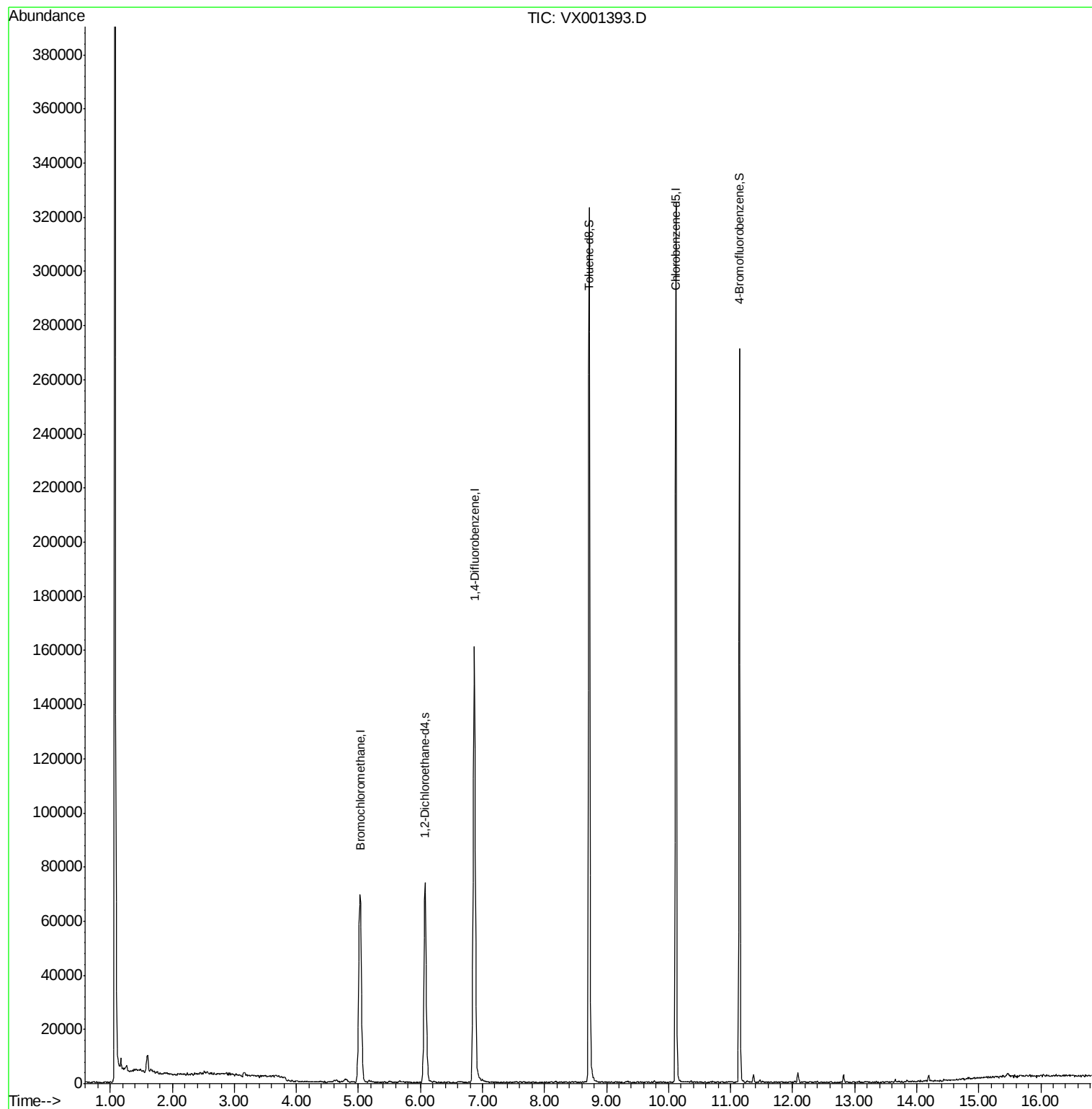
Target Compounds	Ovalue

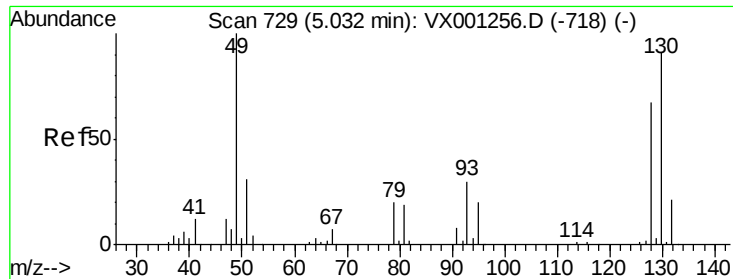
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001393.D

Acq: 04 May 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBL01

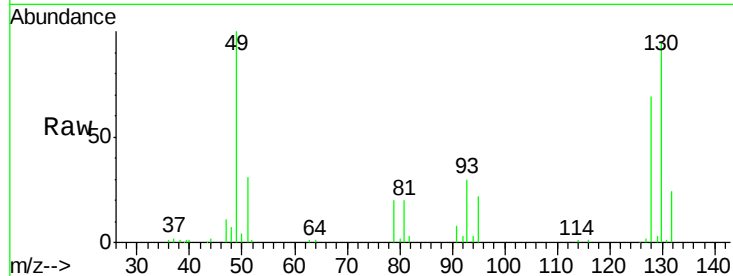
Tot Ion:128 Resp: 31139

Ion Ratio Lower Upper

128 100

49 139.2 0.0 378.3

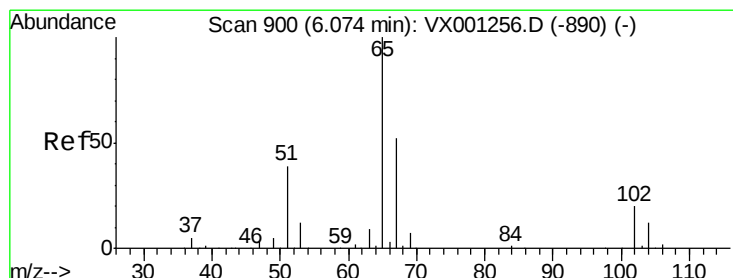
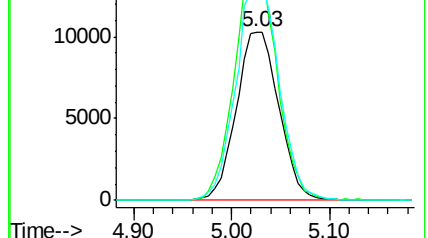
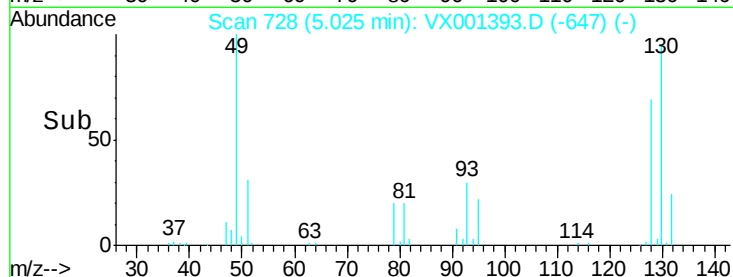
130 131.8 0.0 324.3



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: 30.031 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001393.D

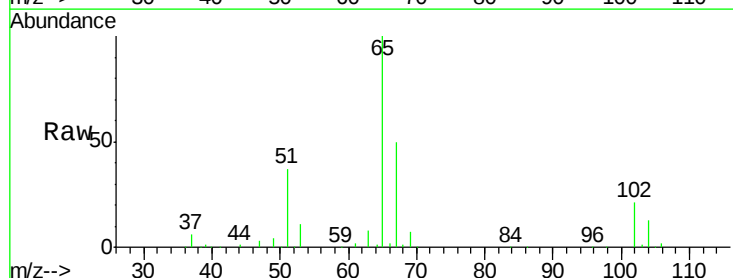
Acq: 04 May 2018 13:02

Tgt Ion: 65 Resp: 67452

Ion Ratio Lower Upper

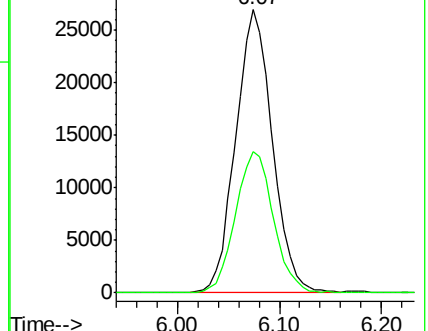
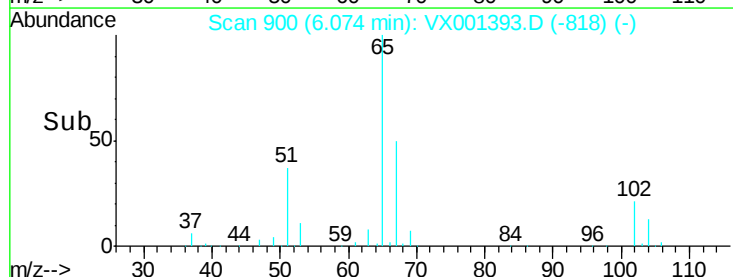
65 100

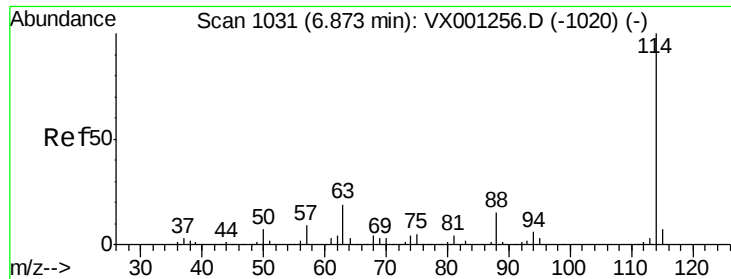
67 51.3 41.4 62.2



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

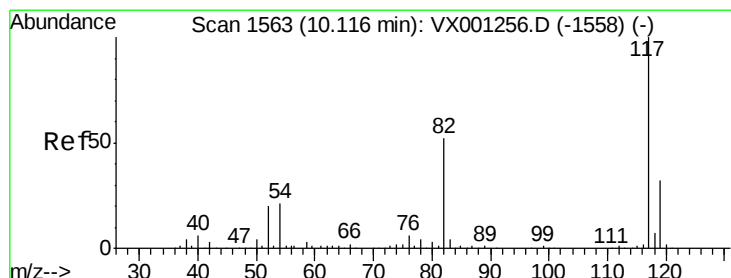
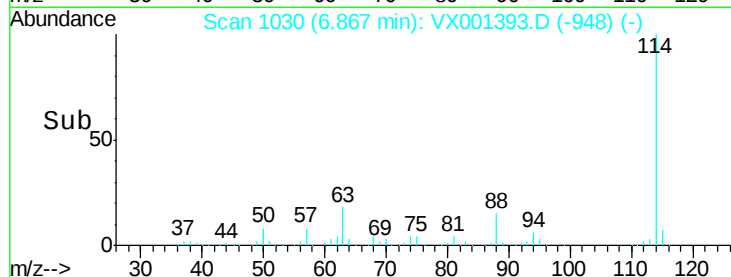
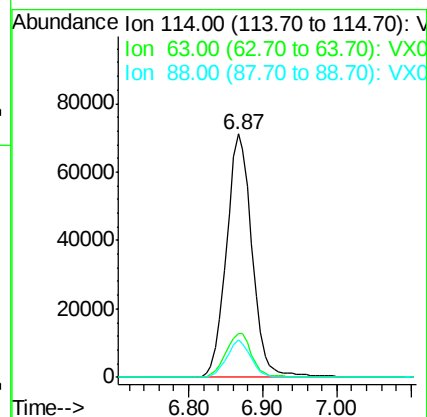
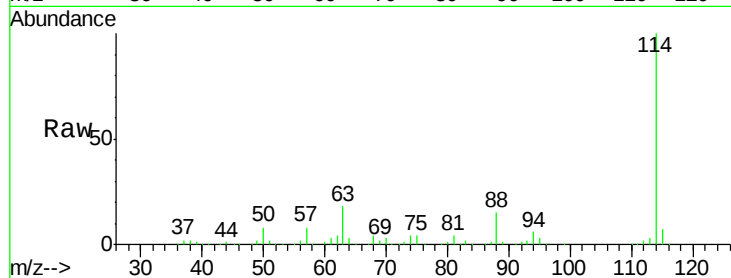




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001393.D
 Acq: 04 May 2018 13:02

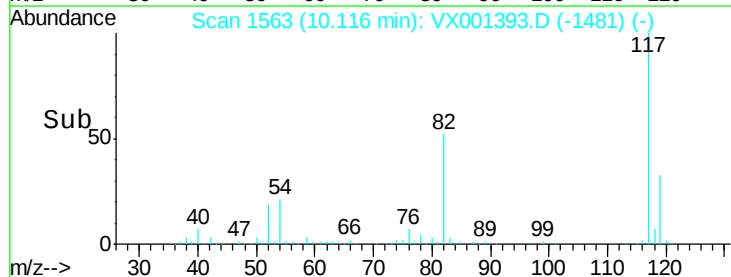
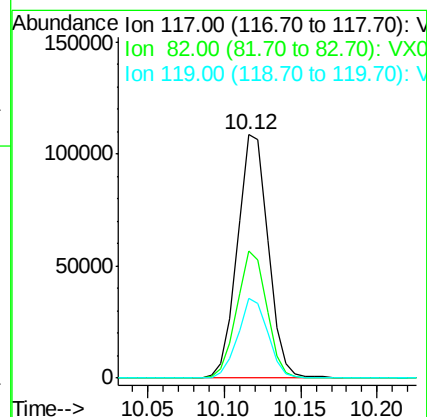
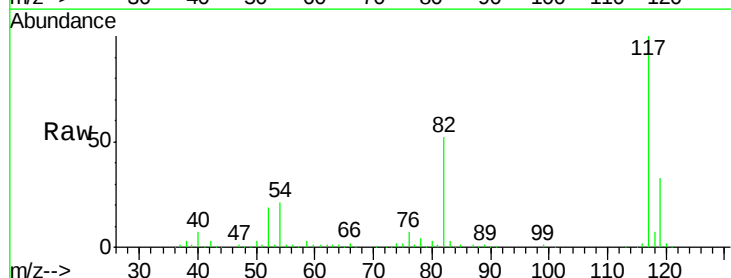
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBL01

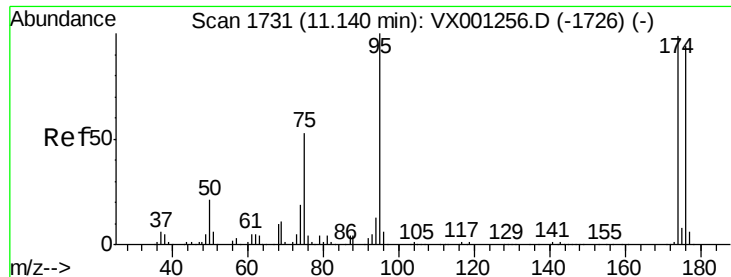
Tot Ion:114 Resp: 170478
 Ion Ratio Lower Upper
 114 100
 63 18.1 15.0 22.4
 88 14.4 11.8 17.8



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX001393.D
 Acq: 04 May 2018 13:02

Tgt Ion:117 Resp: 151741
 Ion Ratio Lower Upper
 117 100
 82 51.0 43.0 64.4
 119 32.0 25.8 38.8





#60

4-Bromofluorobenzene

Concen: 26.010 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001393.D

Acq: 04 May 2018 13:02

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBL01

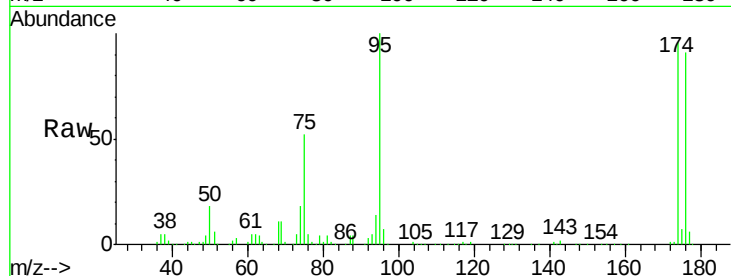
Tot Ion: 95 Resp: 66123

Ion Ratio Lower Upper

95 100

174 104.7 71.1 106.7

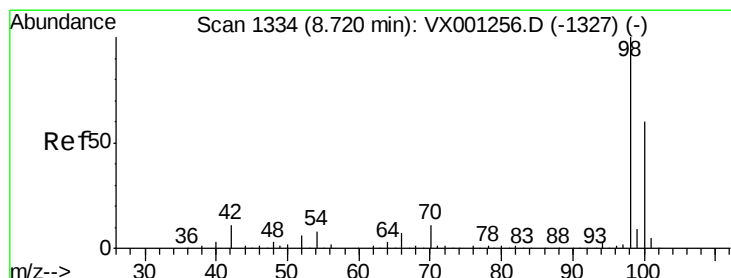
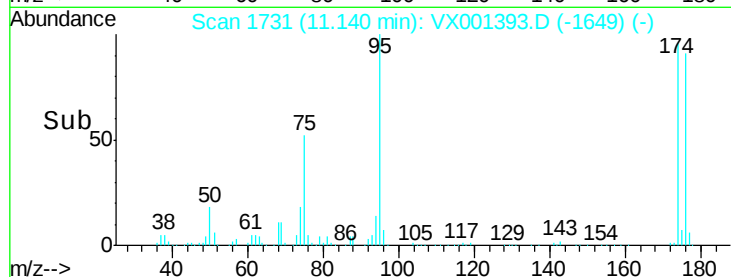
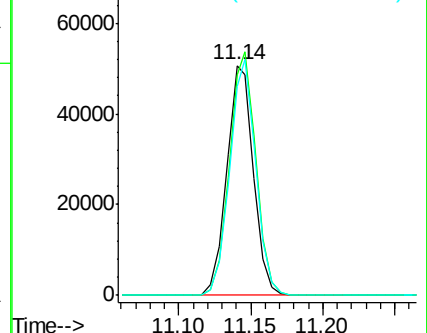
176 100.3 69.3 103.9



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: 29.374 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001393.D

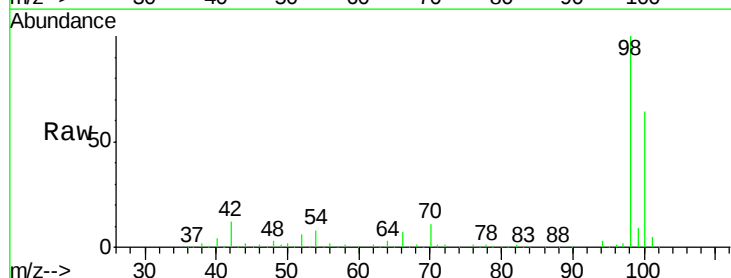
Acq: 04 May 2018 13:02

Tgt Ion: 98 Resp: 191146

Ion Ratio Lower Upper

98 100

100 63.3 50.0 75.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

