

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072018\
 Data File : VX003499.D
 Acq On : 20 Jul 2018 10:08
 Operator : JC/SP
 Sample : VX0720WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBL01

Quant Time: Jul 20 11:42:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 12 13:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	65609	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.86	114	314330	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	283632	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	126038	28.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.77%
60) 4-Bromofluorobenzene	11.14	95	121470	26.65	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.83%
63) Toluene-d8	8.71	98	373683	29.80	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.33%

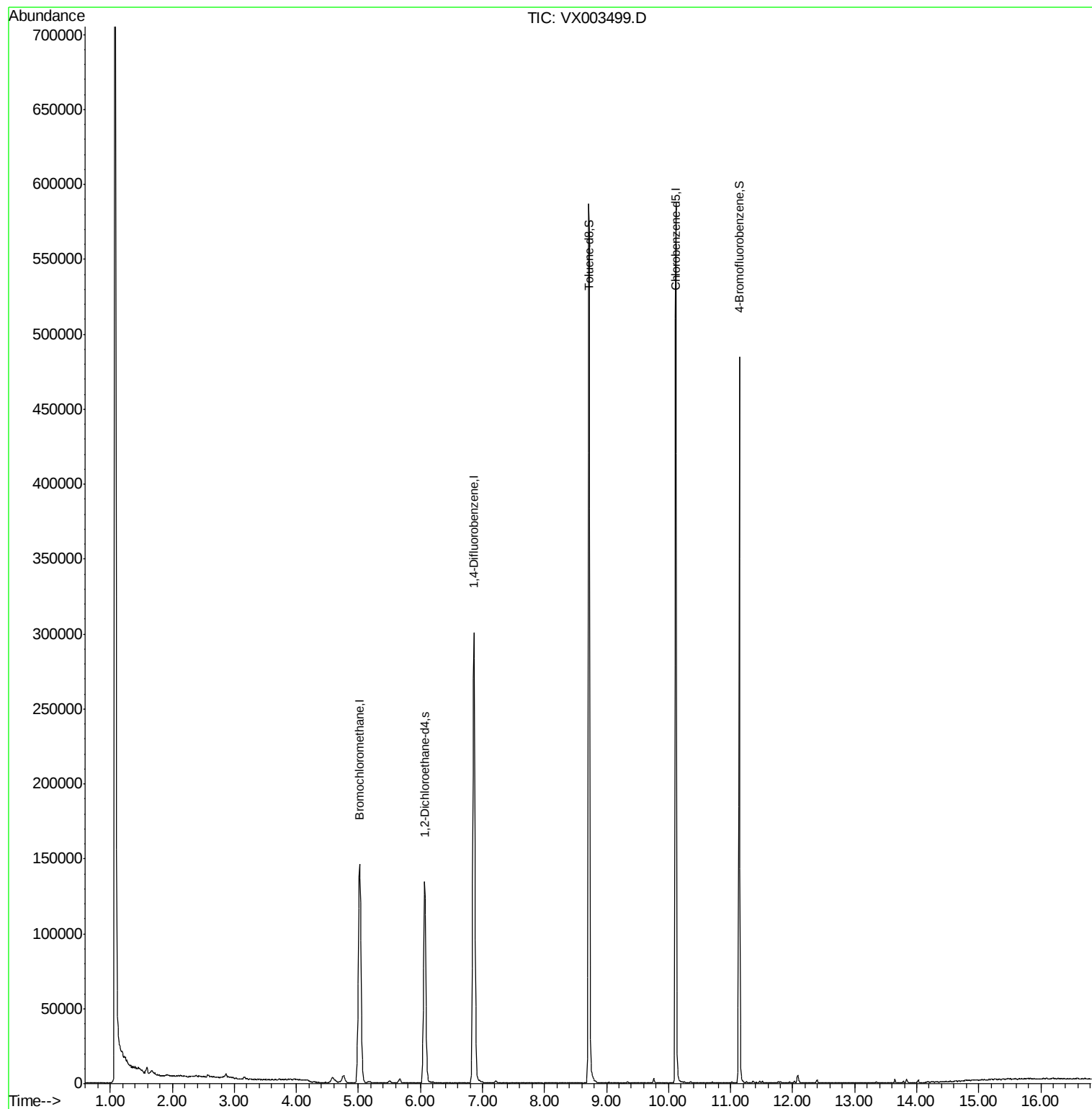
Target Compounds	Ovalue

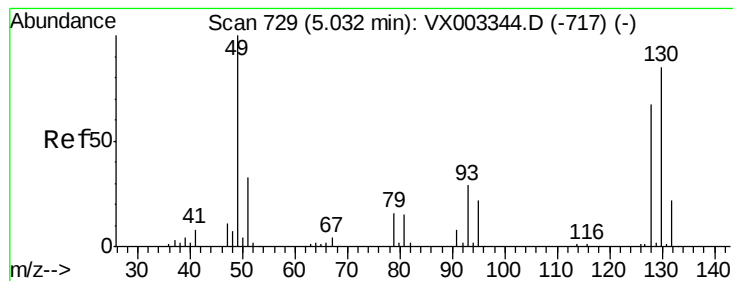
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 12 13:28:20 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003499.D

Acq: 20 Jul 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBL01

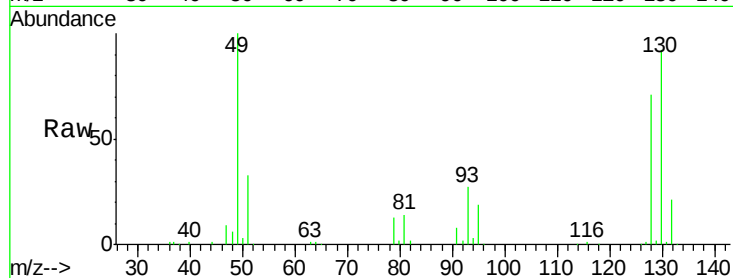
Tot Ion:128 Resp: 65609

Ion Ratio Lower Upper

128 100

49 151.4 0.0 423.0

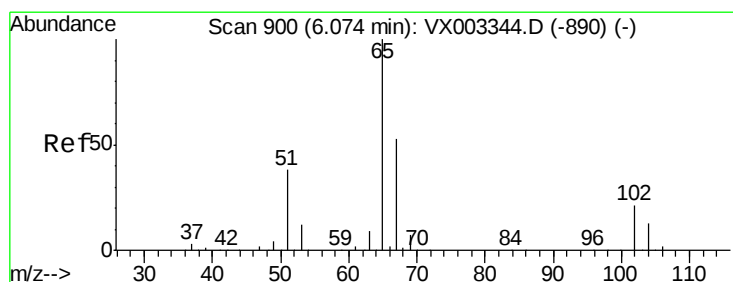
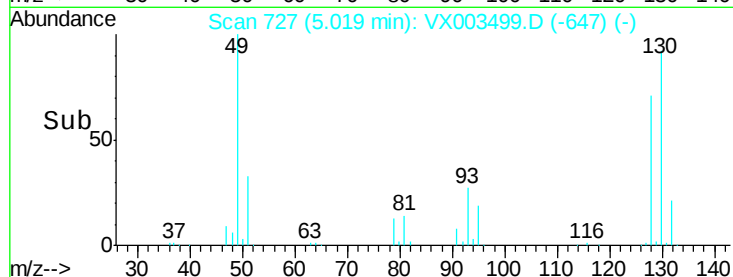
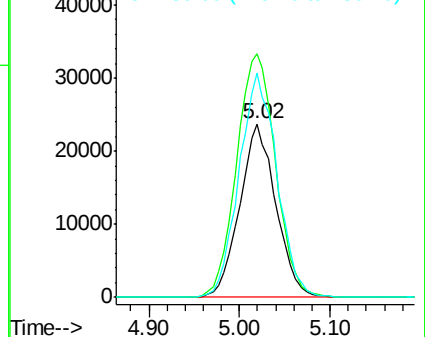
130 135.3 0.0 324.3



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: 28.13 ug/l

RT: 6.07 min Scan# 899

Delta R.T. -0.01 min

Lab File: VX003499.D

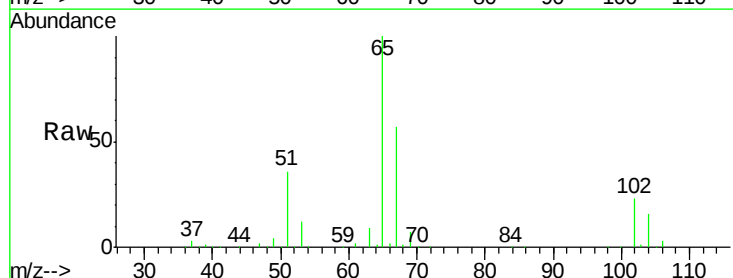
Acq: 20 Jul 2018 10:08

Tgt Ion: 65 Resp: 126038

Ion Ratio Lower Upper

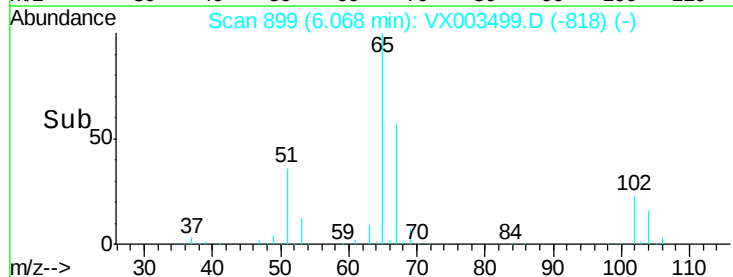
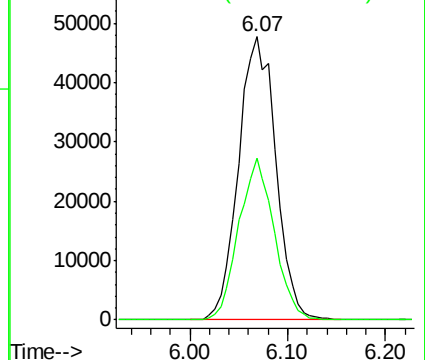
65 100

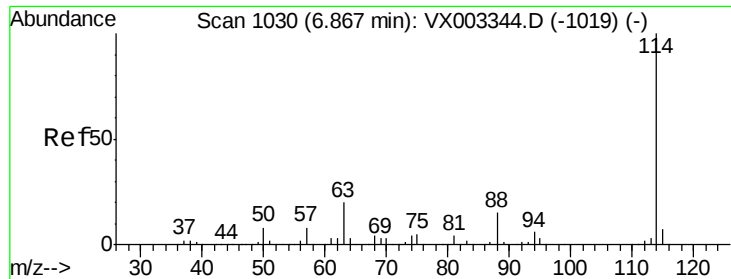
67 54.5 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

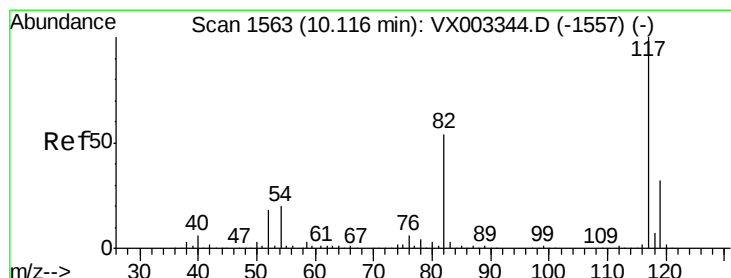
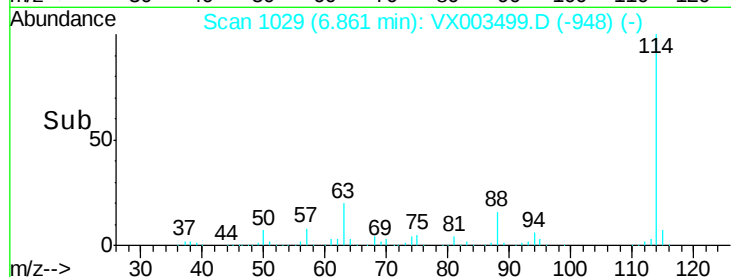
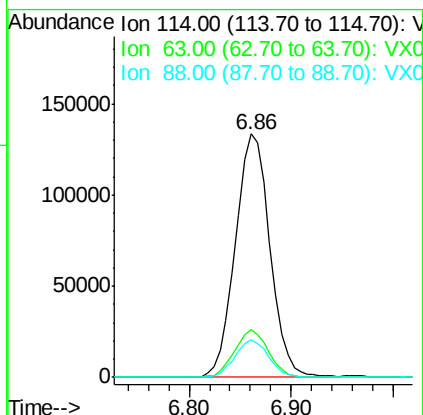
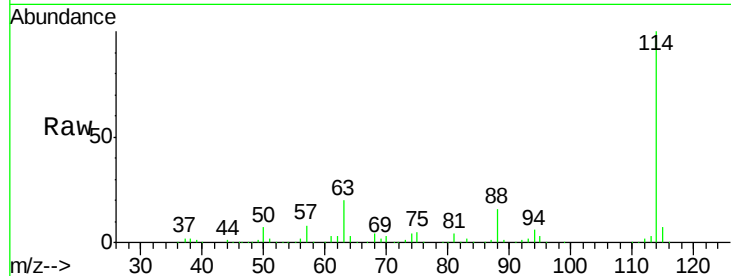




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003499.D
 Acq: 20 Jul 2018 10:08

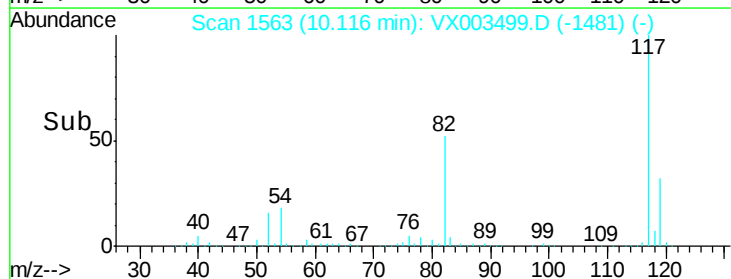
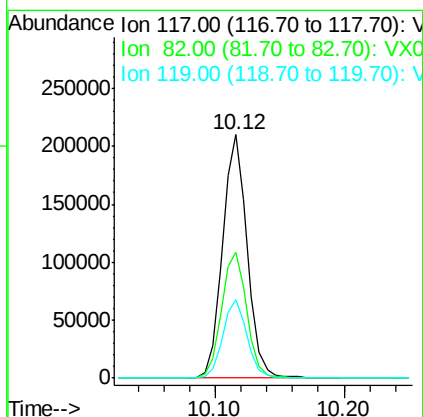
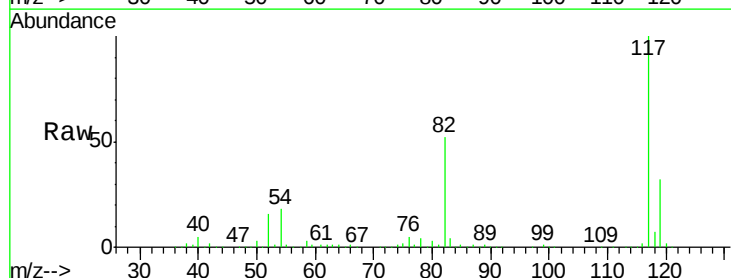
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBL01

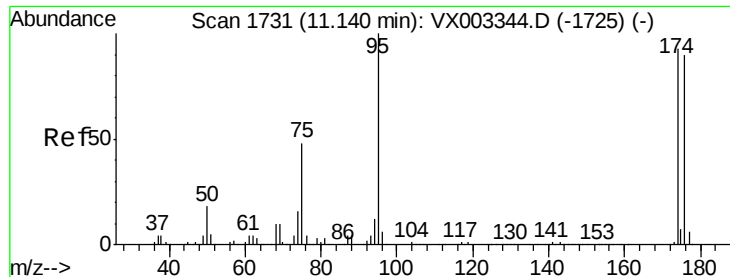
Tot Ion:114 Resp: 314330
 Ion Ratio Lower Upper
 114 100
 63 19.1 17.1 25.7
 88 15.2 12.6 19.0



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX003499.D
 Acq: 20 Jul 2018 10:08

Tgt Ion:117 Resp: 283632
 Ion Ratio Lower Upper
 117 100
 82 52.7 44.3 66.5
 119 31.8 25.7 38.5





#60

4-Bromofluorobenzene

Concen: 26.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003499.D

Acq: 20 Jul 2018 10:08

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBL01

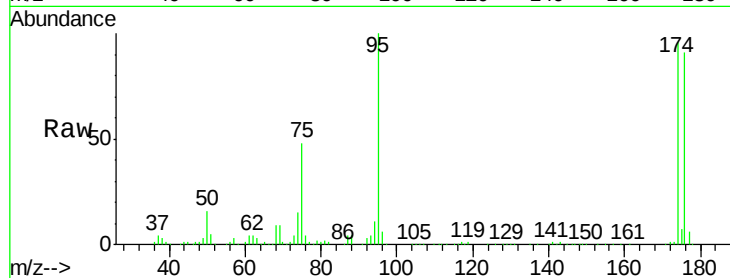
Tot Ion: 95 Resp: 121470

Ion Ratio Lower Upper

95 100

174 96.3 71.8 107.6

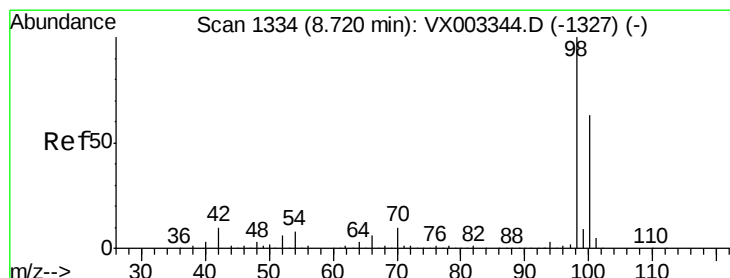
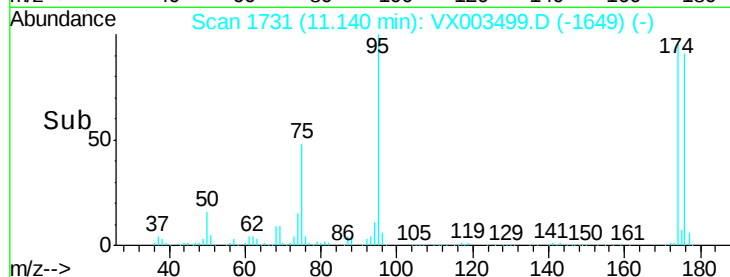
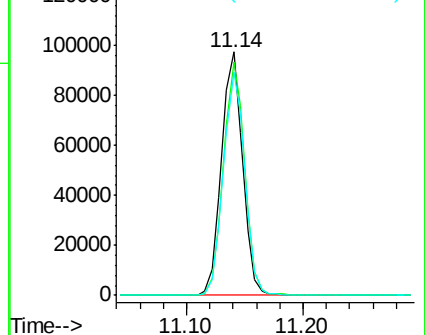
176 93.3 70.1 105.1



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: 29.80 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX003499.D

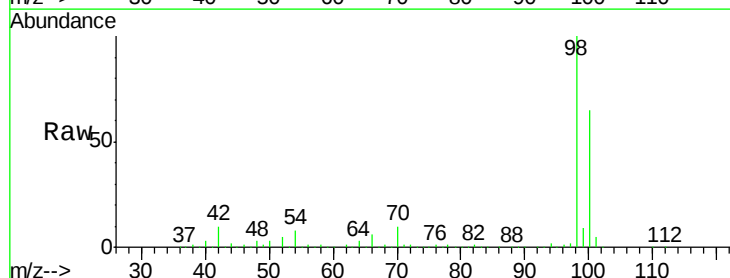
Acq: 20 Jul 2018 10:08

Tgt Ion: 98 Resp: 373683

Ion Ratio Lower Upper

98 100

100 64.1 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

