

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080218\
 Data File : VX003824.D
 Acq On : 02 Aug 2018 14:44
 Operator : JC/MD
 Sample : J4233-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CAP-3

Quant Time: Aug 03 10:30:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	22217	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	115942	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	105043	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	46609	28.58	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.27%
60) 4-Bromofluorobenzene	11.14	95	44656	26.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.00%
63) Toluene-d8	8.72	98	137218	29.00	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.67%

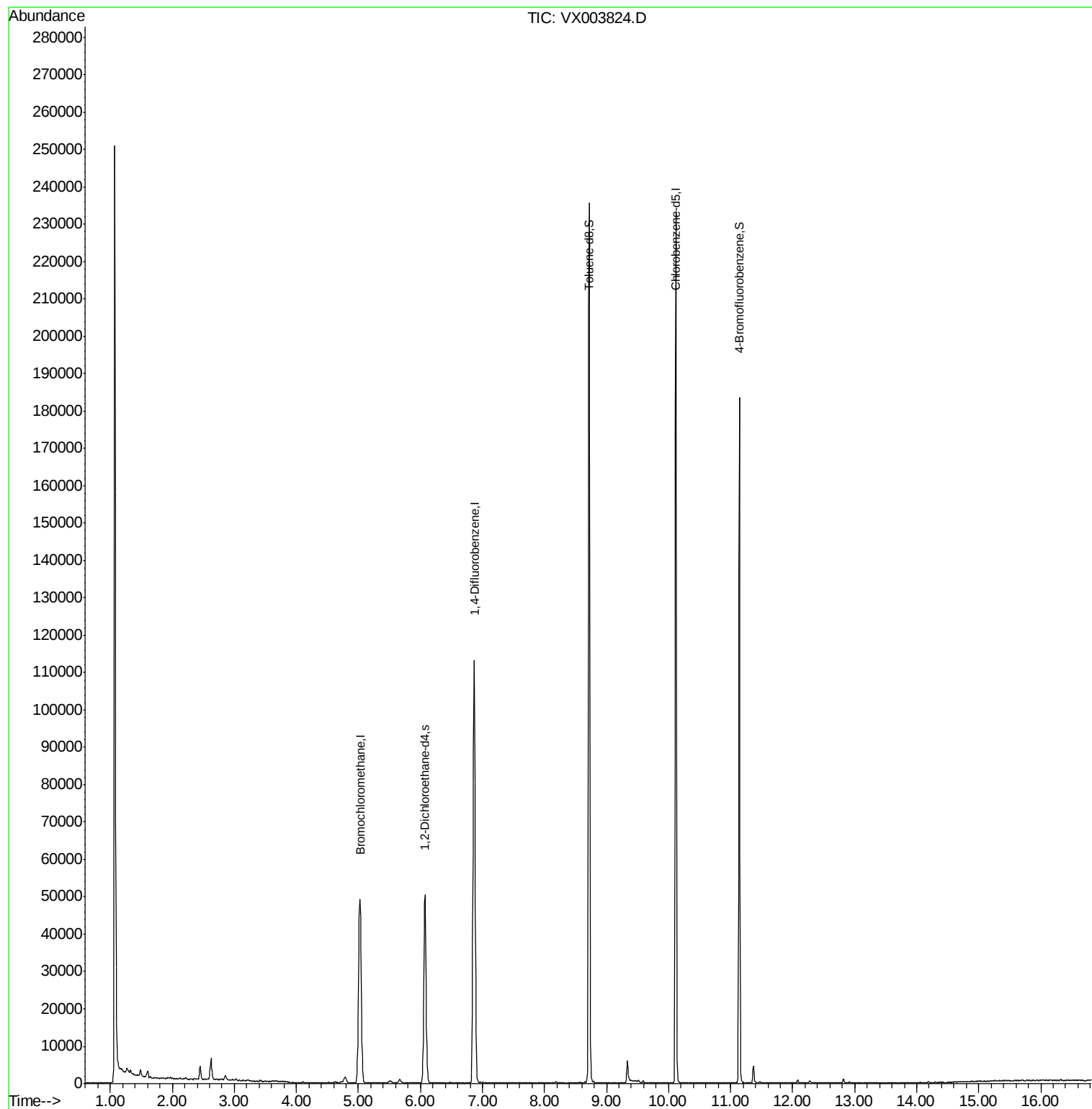
Target Compounds	Ovalue

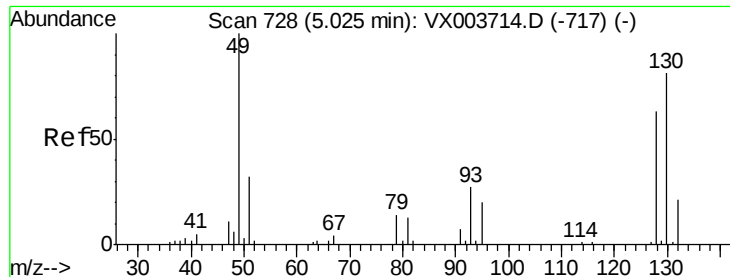
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003824.D

Acq: 02 Aug 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

CAP-3

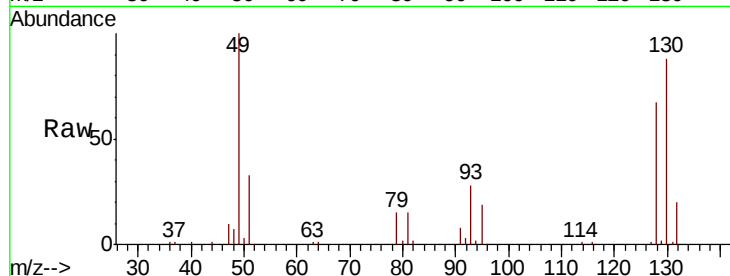
Tot Ion:128 Resp: 22217

Ion Ratio Lower Upper

128 100

49 155.4 0.0 423.0

130 128.6 0.0 324.3

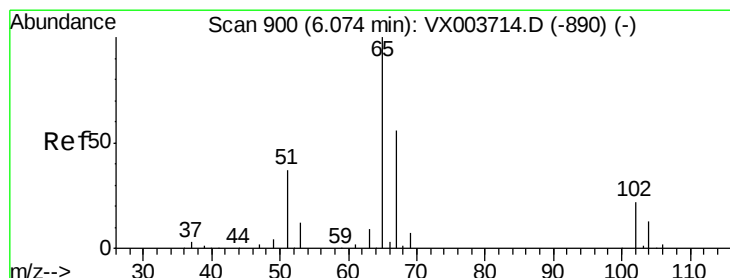
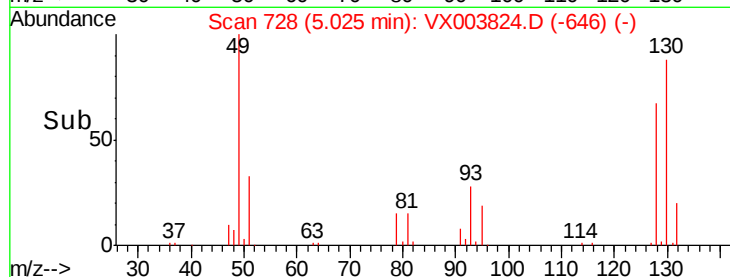
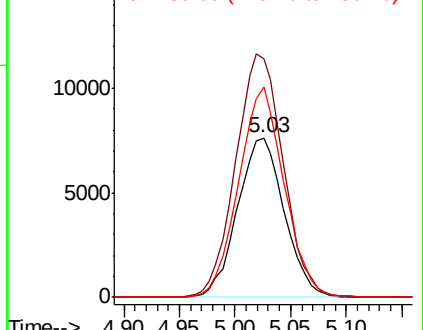


Abundance

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: 28.58 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003824.D

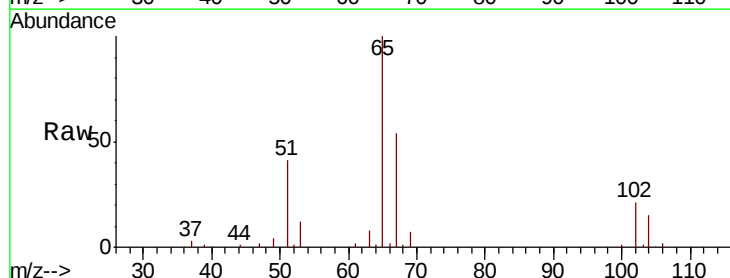
Acq: 02 Aug 2018 14:44

Tgt Ion: 65 Resp: 46609

Ion Ratio Lower Upper

65 100

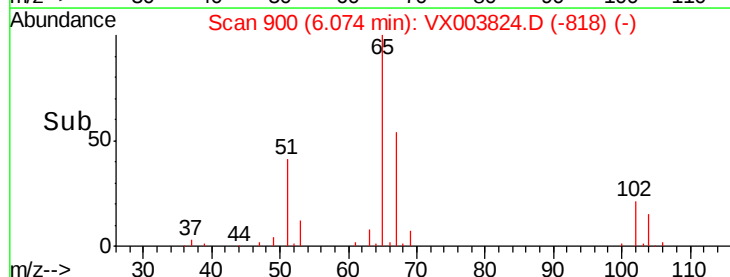
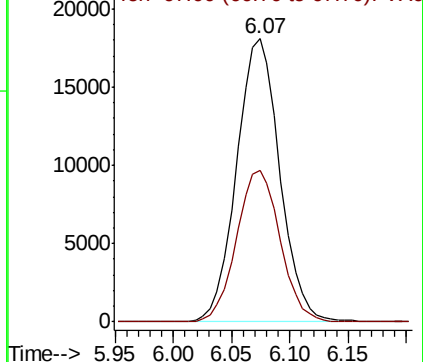
67 53.8 40.9 61.3

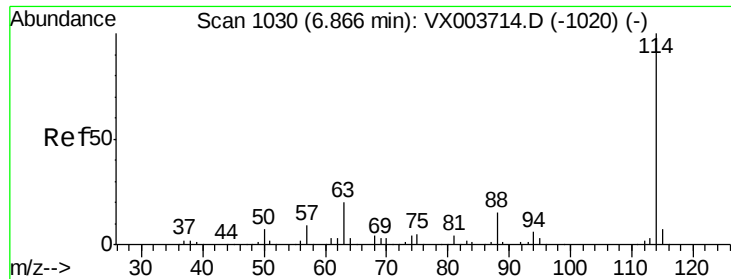


Abundance

Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

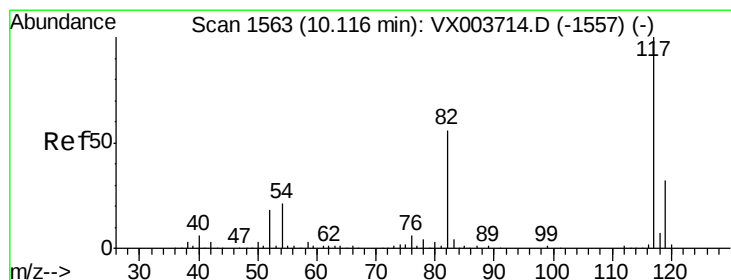
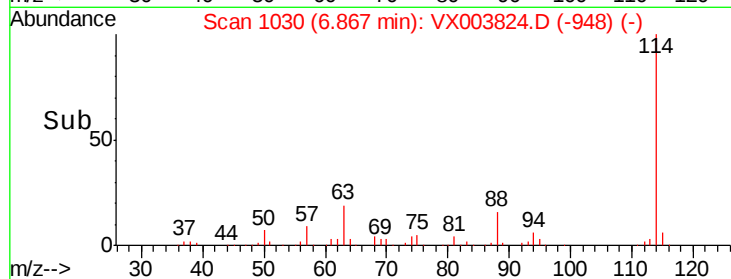
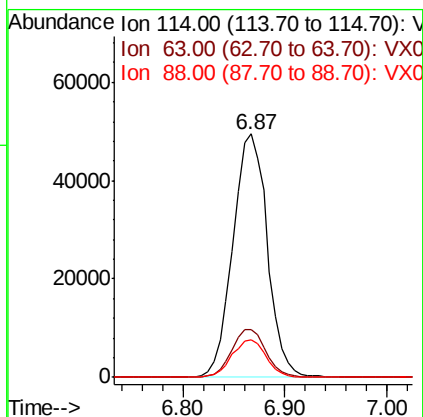
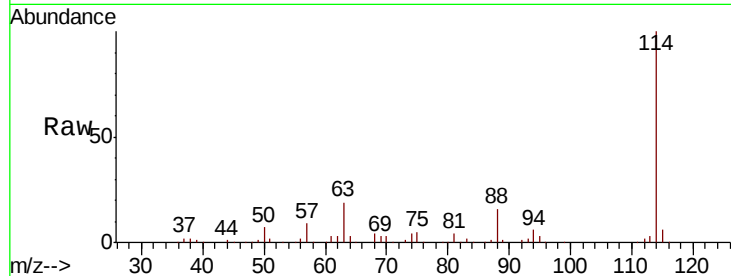




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003824.D
 Acq: 02 Aug 2018 14:44

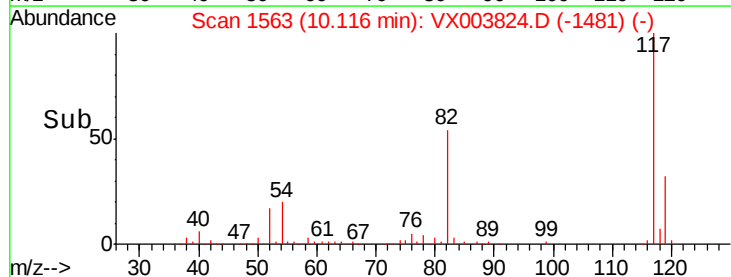
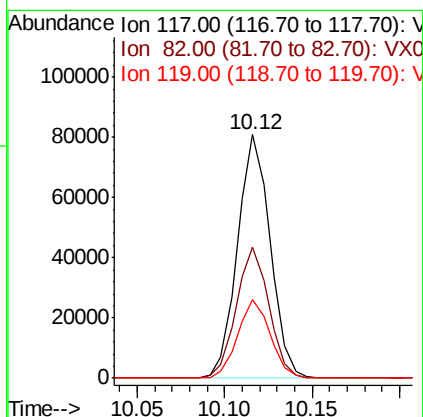
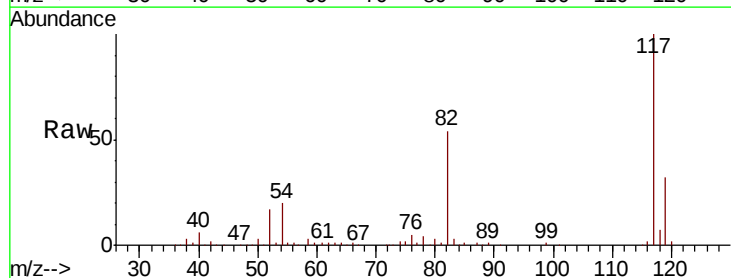
Instrument :
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 ClientSampleId :
 CAP-3

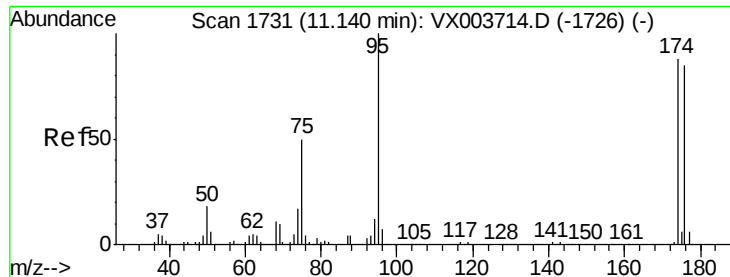
Tot Ion:114 Resp: 115942
 Ion Ratio Lower Upper
 114 100
 63 19.7 17.1 25.7
 88 15.5 12.6 19.0



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. 0.00 min
 Lab File: VX003824.D
 Acq: 02 Aug 2018 14:44

Tgt Ion:117 Resp: 105043
 Ion Ratio Lower Upper
 117 100
 82 53.8 44.3 66.5
 119 32.0 25.7 38.5





#60

4-Bromofluorobenzene

Concen: 26.40 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003824.D

Acq: 02 Aug 2018 14:44

Instrument :

MSVOA_X

ClientSampleId :

CAP-3

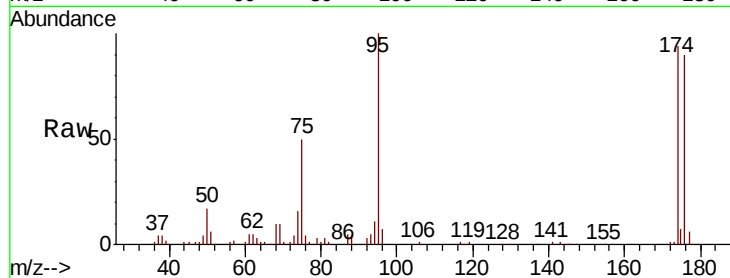
Tot Ion: 95 Resp: 44656

Ion Ratio Lower Upper

95 100

174 94.2 71.8 107.6

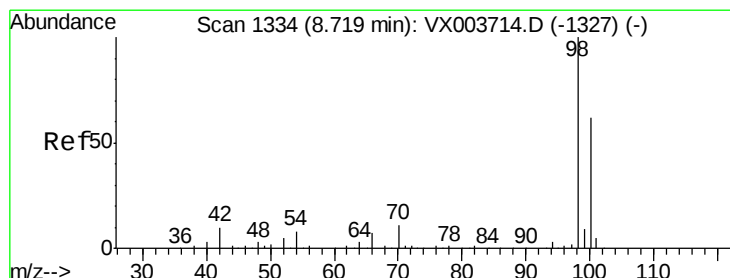
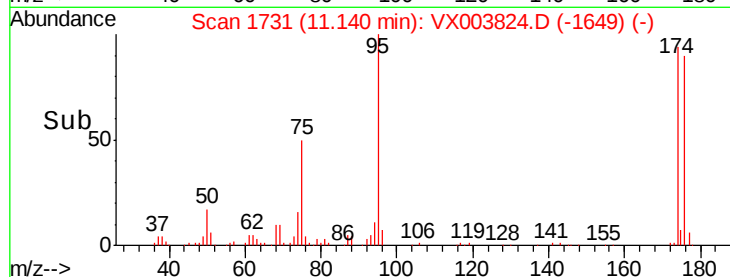
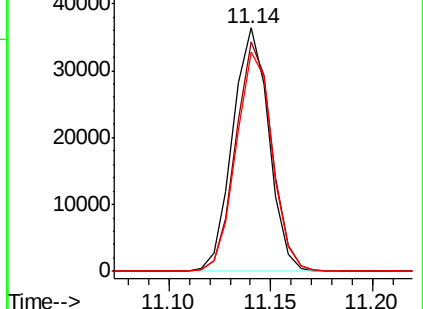
176 90.4 70.1 105.1



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: 29.00 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003824.D

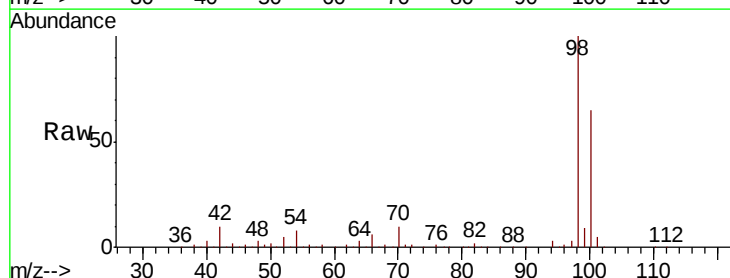
Acq: 02 Aug 2018 14:44

Tgt Ion: 98 Resp: 137218

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

