

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
 Data File : VX010988.D
 Acq On : 19 Jul 2019 03:24
 Operator : JC/SP
 Sample : K3905-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 18107-NYCT-AVE-Z-TWP-1

Quant Time: Jul 19 10:09:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	37267	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	192075	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	159462	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	73840	29.23	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.43%
60) 4-Bromofluorobenzene	11.13	95	69095	26.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	87.77%
63) Toluene-d8	8.71	98	220991	31.53	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.10%

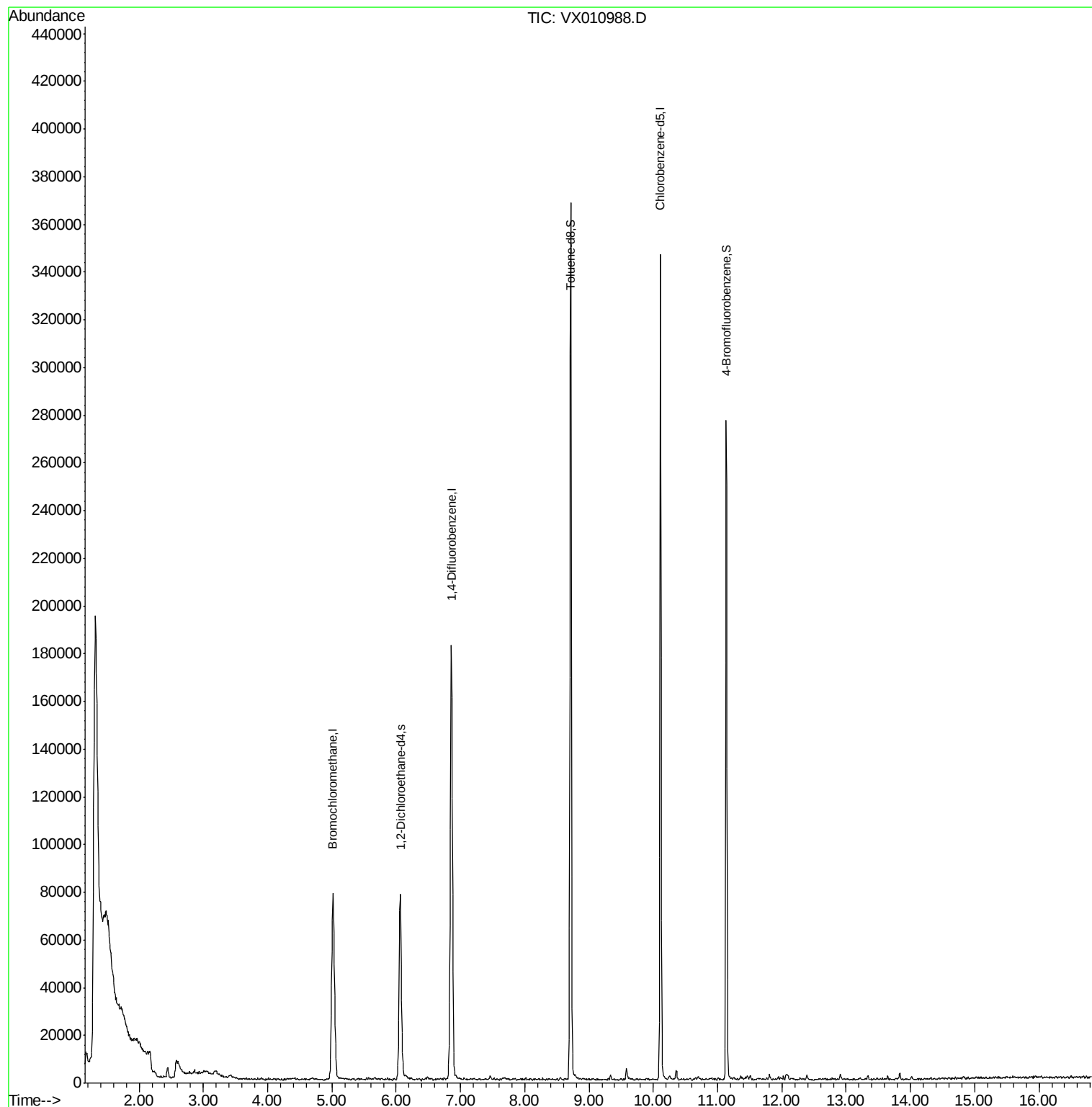
Target Compounds	Ovalue

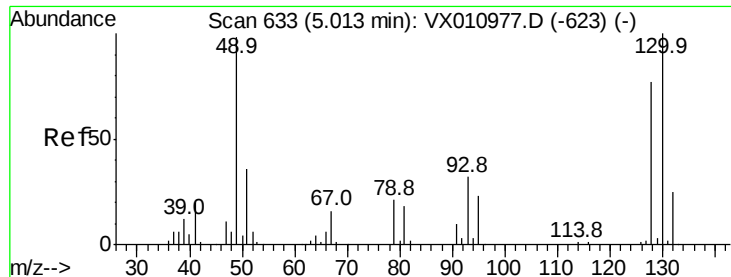
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 03:27:28 2019
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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: VX010988.D

Acq: 19 Jul 2019 03:24

Instrument :
MSVOA_X
ClientSampleId :
18107-NYCT-AVE-Z-TWP-1

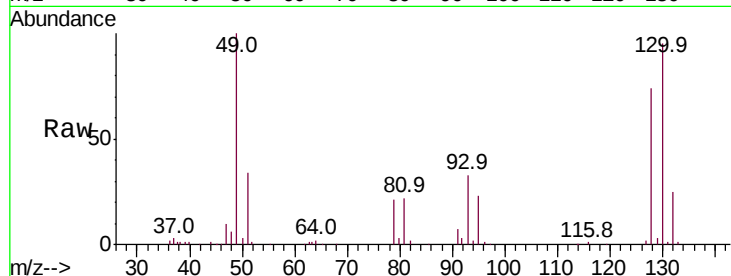
Tot Ion:128 Resp: 37267

Ion Ratio Lower Upper

128 100

49 132.9 0.0 343.5

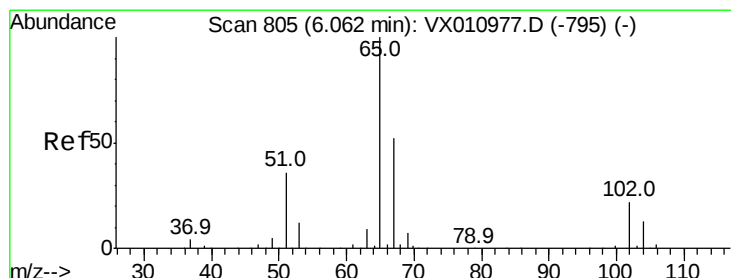
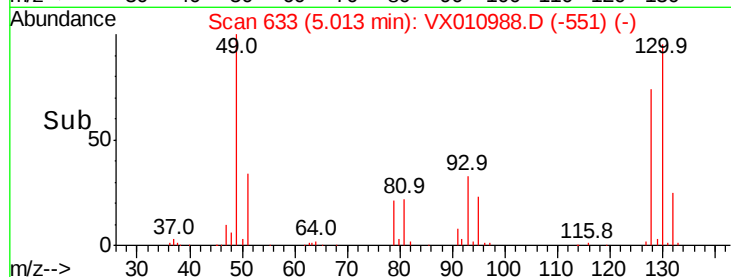
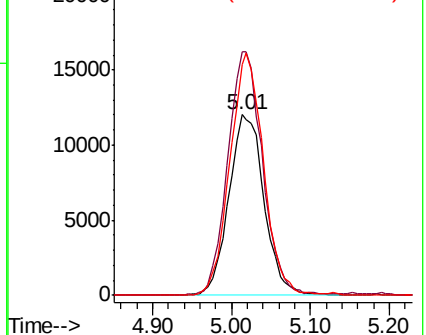
130 128.0 0.0 324.7



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: 29.226 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX010988.D

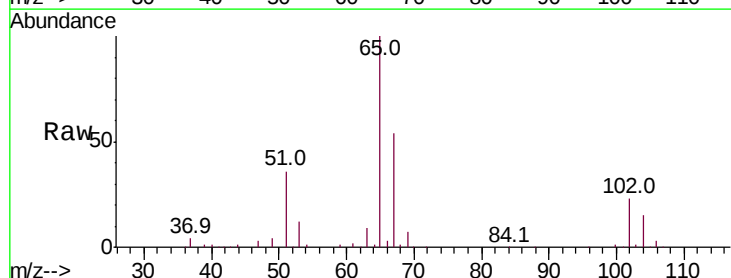
Acq: 19 Jul 2019 03:24

Tgt Ion: 65 Resp: 73840

Ion Ratio Lower Upper

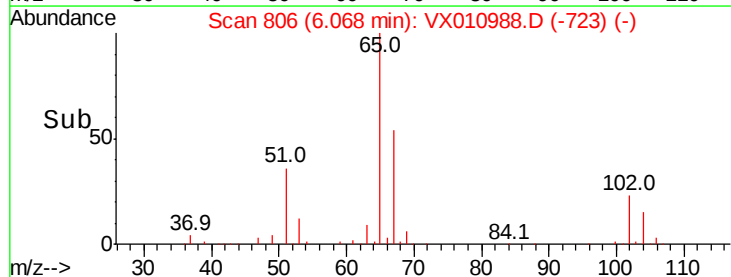
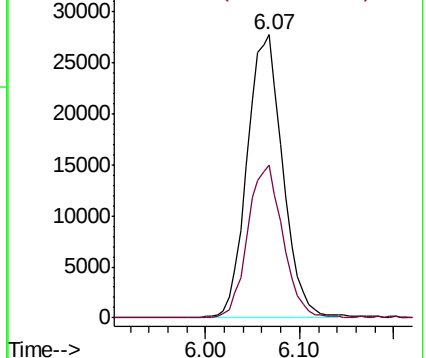
65 100

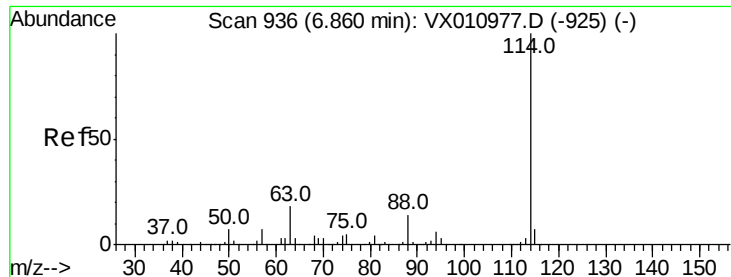
67 53.1 41.7 62.5



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010988.D

Acq: 19 Jul 2019 03:24

Instrument :

MSVOA_X

ClientSampleId :

18107-NYCT-AVE-Z-TWP-1

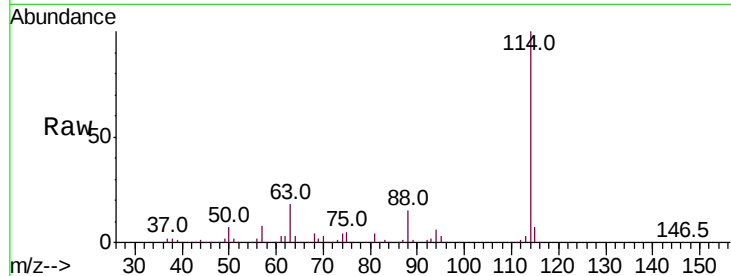
Tot Ion:114 Resp: 192075

Ion Ratio Lower Upper

114 100

63 18.0 14.6 22.0

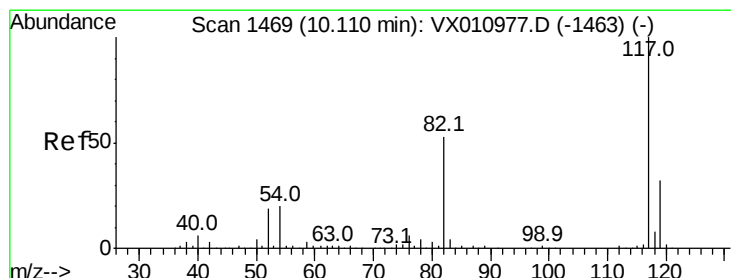
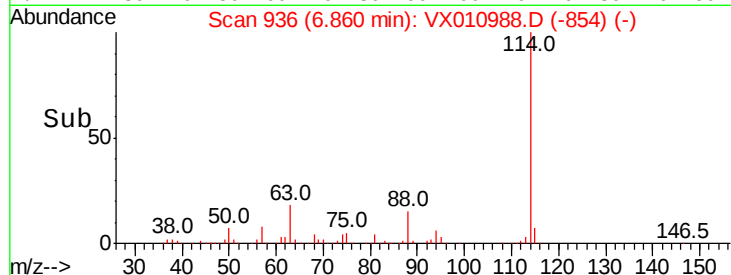
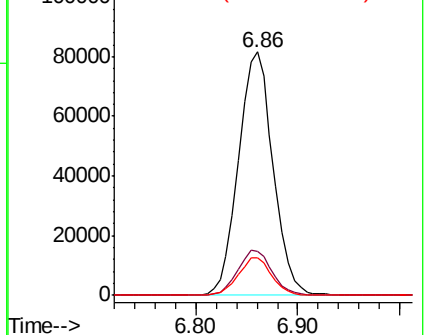
88 15.1 11.8 17.8



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: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010988.D

Acq: 19 Jul 2019 03:24

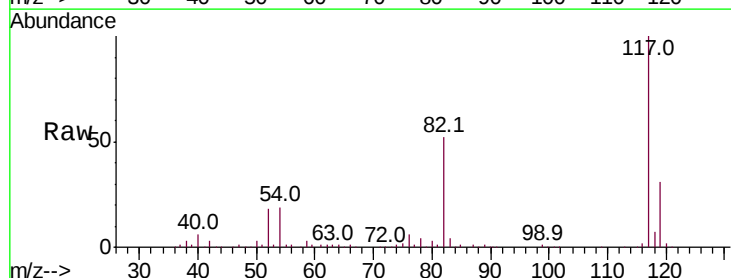
Tgt Ion:117 Resp: 159462

Ion Ratio Lower Upper

117 100

82 51.8 41.6 62.4

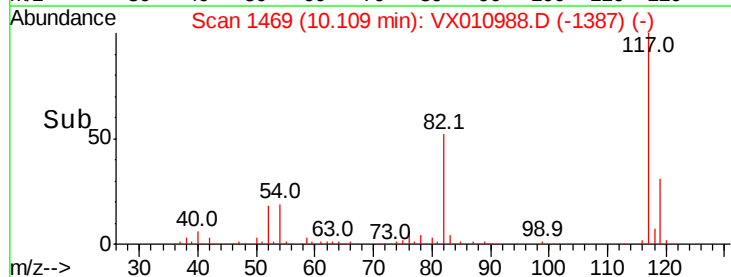
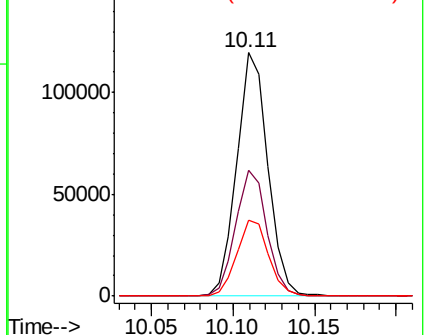
119 32.0 26.0 39.0

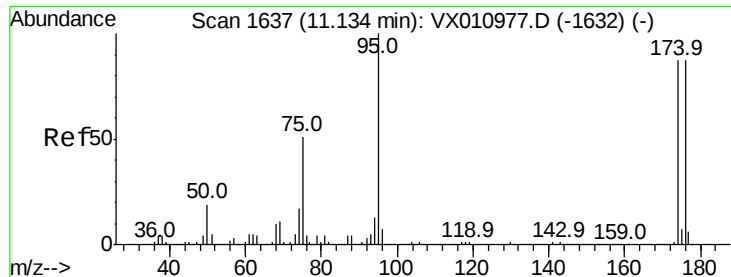


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 26.326 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010988.D

Acq: 19 Jul 2019 03:24

Instrument :

MSVOA_X

ClientSampleId :

18107-NYCT-AVE-Z-TWP-1

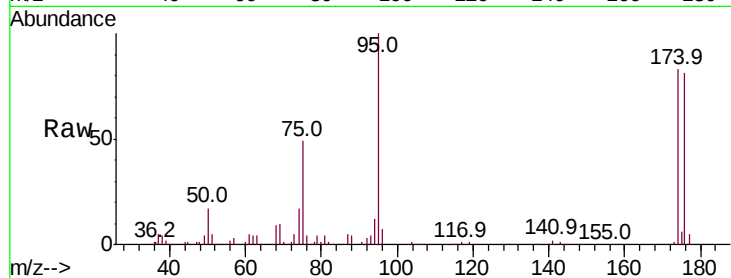
Tot Ion: 95 Resp: 69095

Ion Ratio Lower Upper

95 100

174 91.3 73.3 109.9

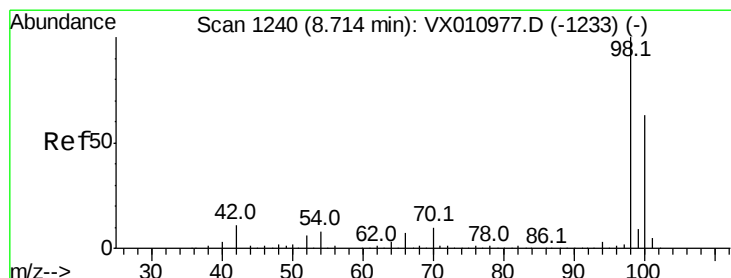
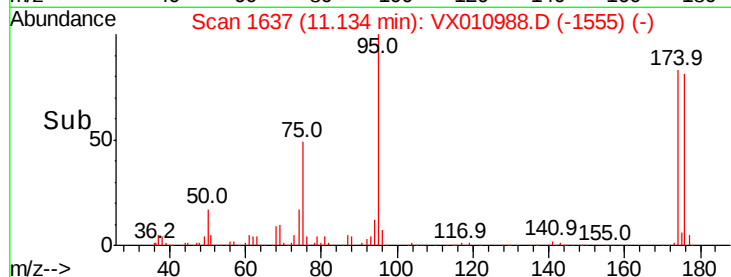
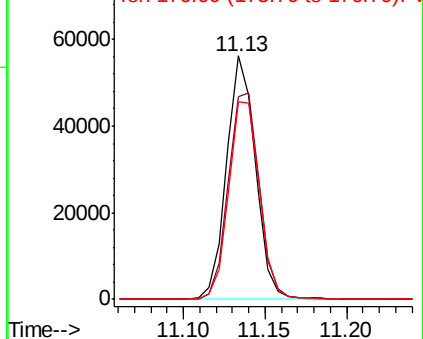
176 86.8 71.2 106.8



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: 31.530 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010988.D

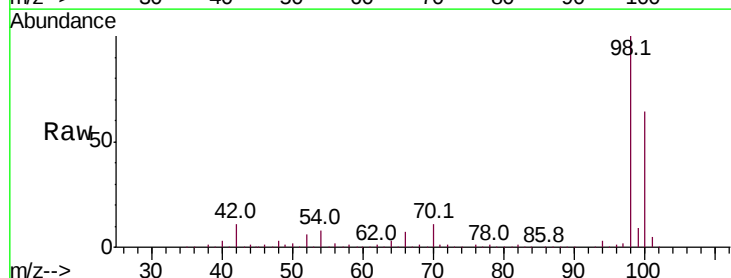
Acq: 19 Jul 2019 03:24

Tgt Ion: 98 Resp: 220991

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

