

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009652.D
 Acq On : 17 May 2019 10:25
 Operator : JC/SP
 Sample : VX0517WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBL01

Quant Time: May 17 15:10:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	28863	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	166957	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	143867	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	73451	30.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.27%
60) 4-Bromofluorobenzene	11.13	95	68109	27.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.87%
63) Toluene-d8	8.71	98	204860	30.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.10%

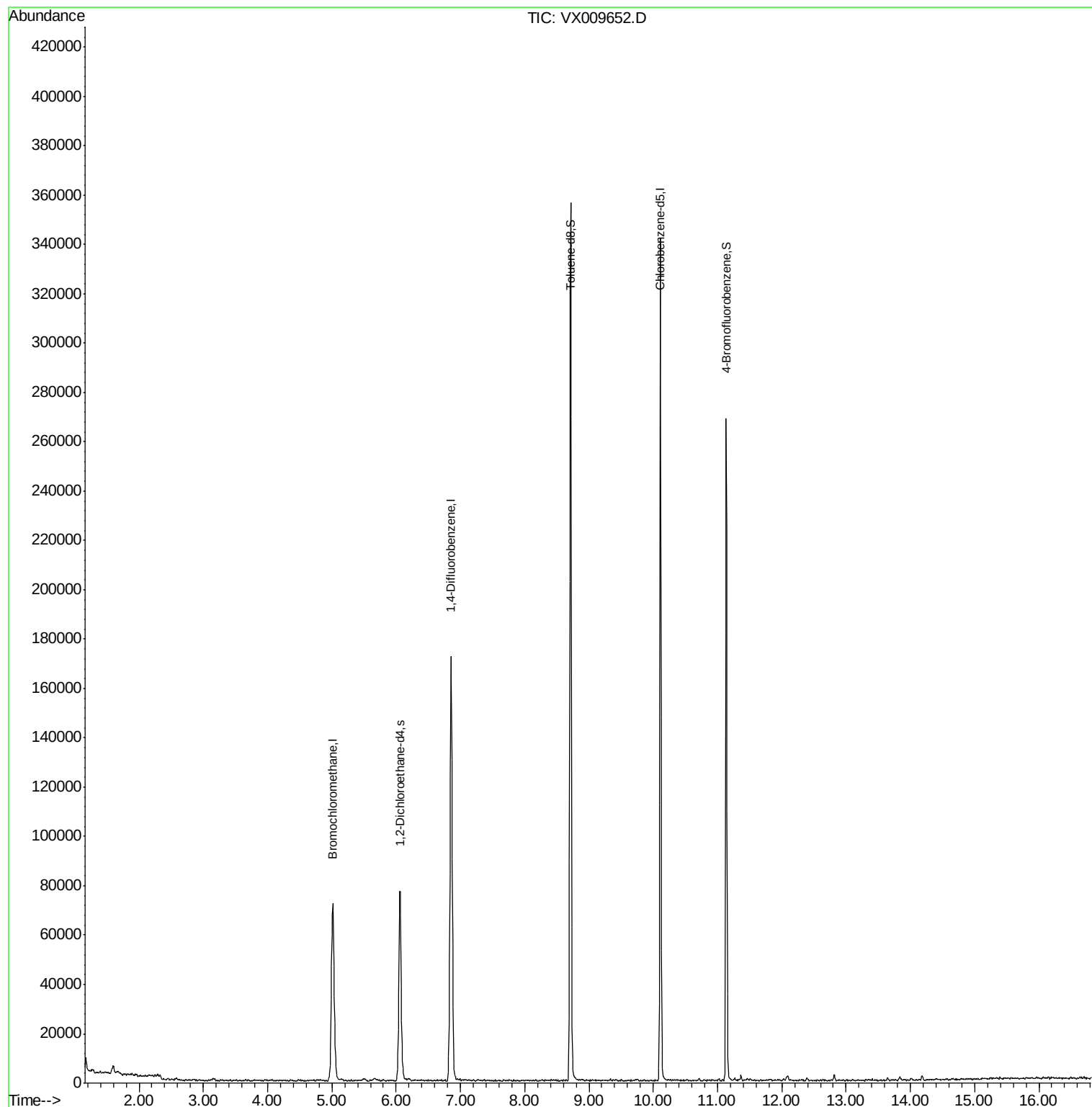
Target Compounds	Ovalue

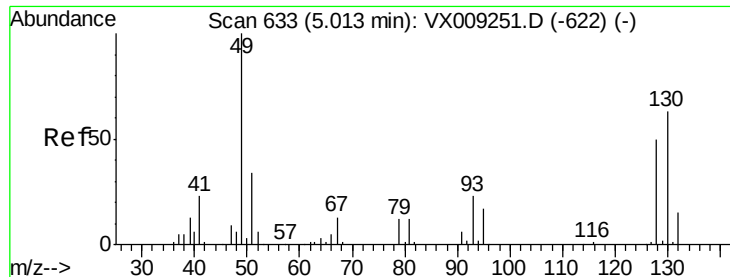
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 02 06:46:57 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX009652.D

Acq: 17 May 2019 10:25

Instrument :

MSVOA_X

ClientSampled :

VX0517WBL01

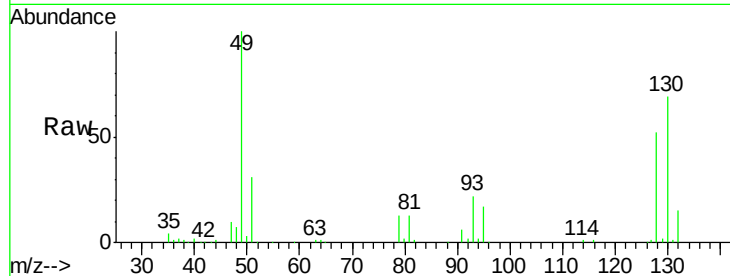
Tot Ion:128 Resp: 28863

Ion Ratio Lower Upper

128 100

49 201.2 0.0 515.0

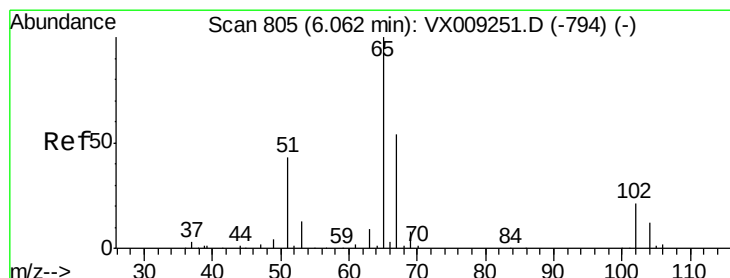
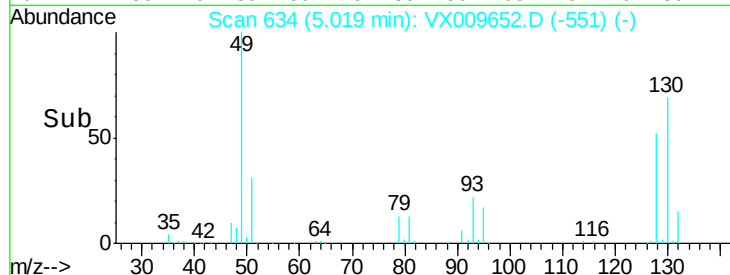
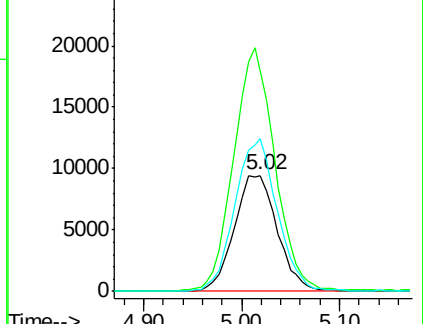
130 129.6 0.0 323.3



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: 30.677 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009652.D

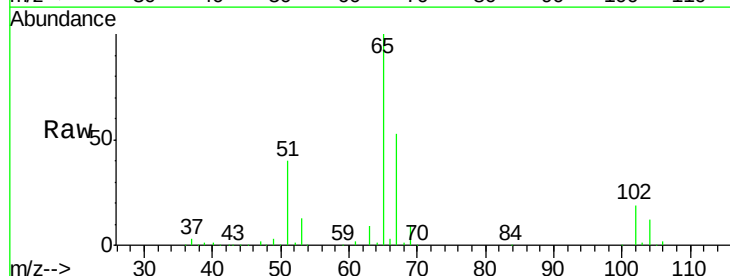
Acq: 17 May 2019 10:25

Tgt Ion: 65 Resp: 73451

Ion Ratio Lower Upper

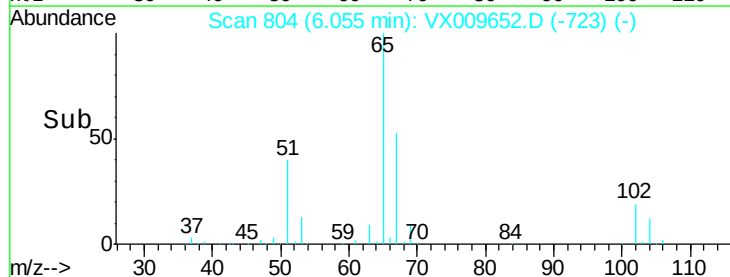
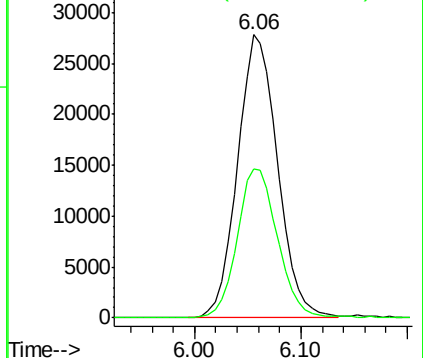
65 100

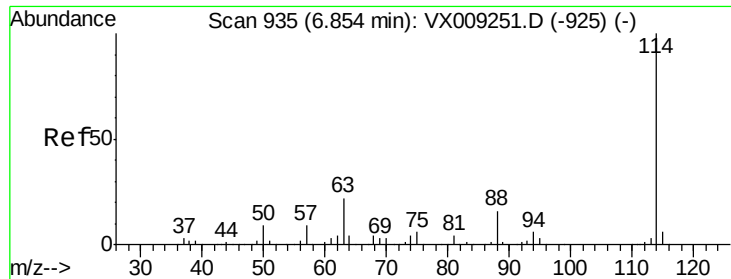
67 52.9 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

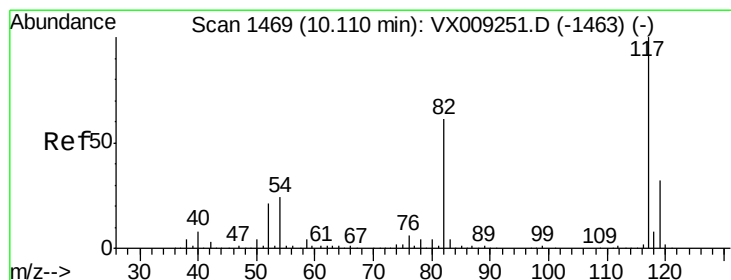
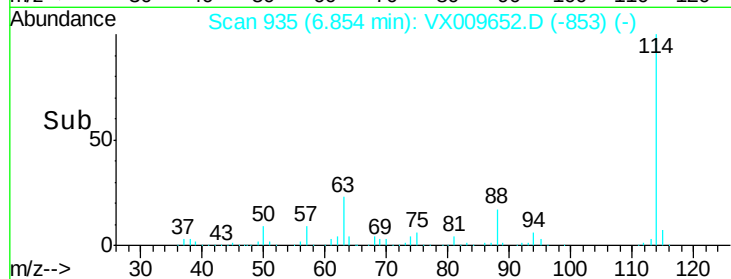
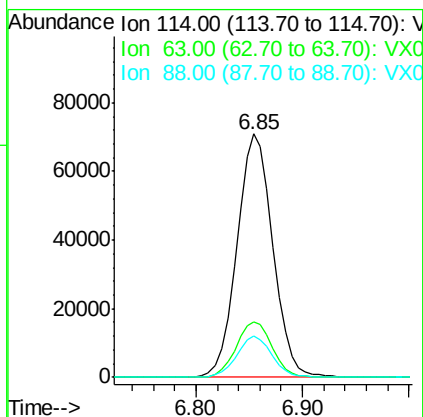
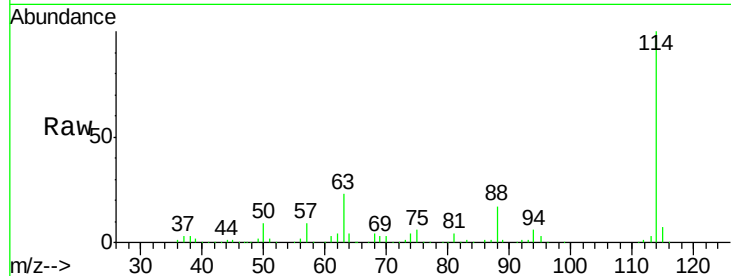




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX009652.D
 Acq: 17 May 2019 10:25

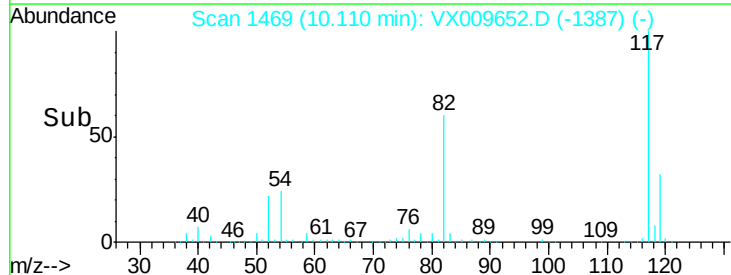
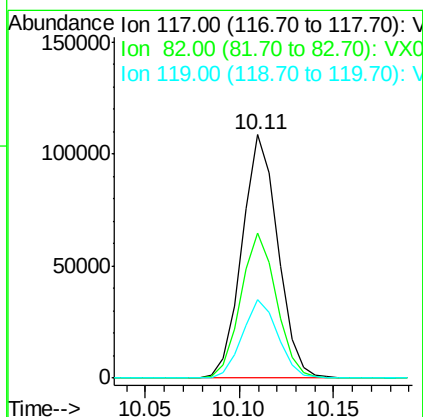
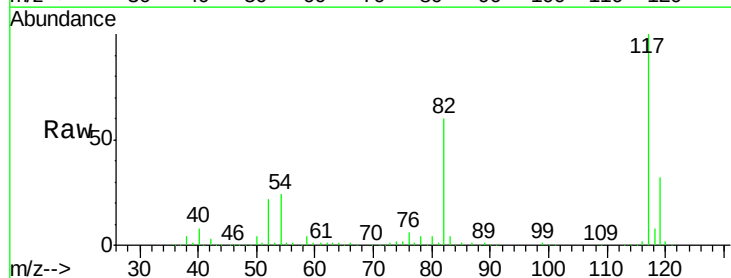
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0517WBL01

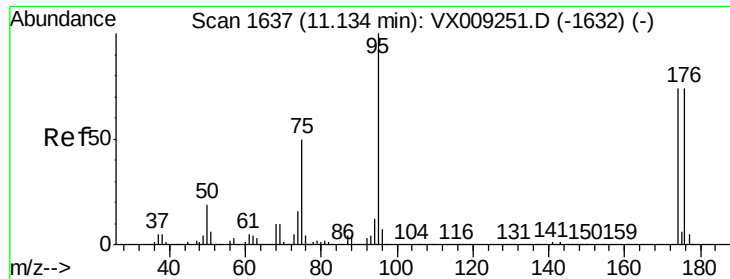
Tot Ion:114 Resp: 166957
 Ion Ratio Lower Upper
 114 100
 63 23.1 18.0 27.0
 88 16.9 13.4 20.0



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX009652.D
 Acq: 17 May 2019 10:25

Tgt Ion:117 Resp: 143867
 Ion Ratio Lower Upper
 117 100
 82 59.5 47.8 71.8
 119 32.3 25.6 38.4





#60

4-Bromofluorobenzene

Concen: 27.860 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009652.D

Acq: 17 May 2019 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0517WBL01

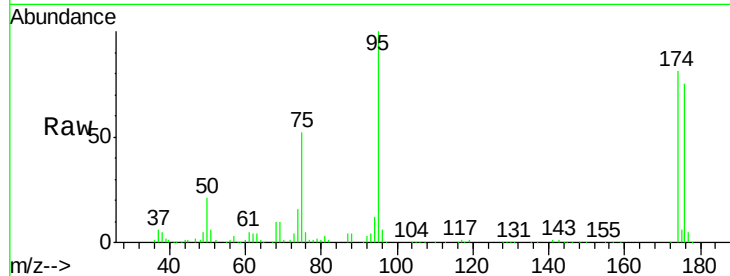
Tot Ion: 95 Resp: 68109

Ion Ratio Lower Upper

95 100

174 82.5 63.6 95.4

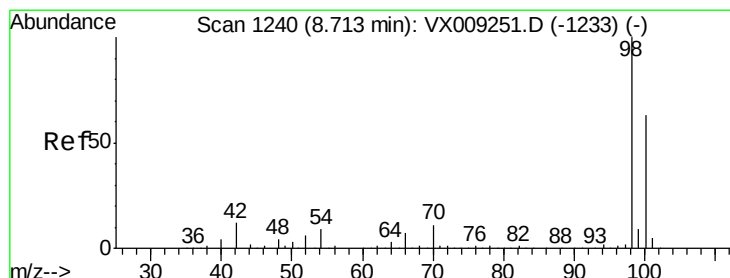
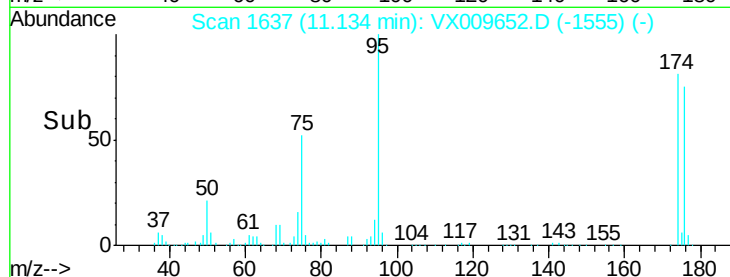
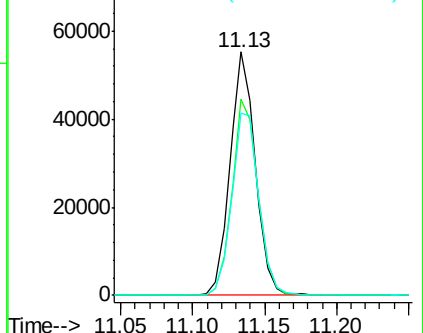
176 80.1 62.4 93.6



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: 30.034 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009652.D

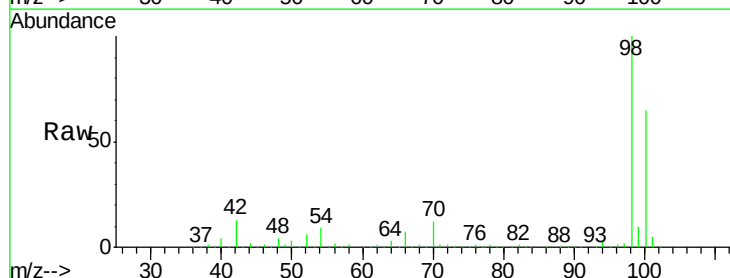
Acq: 17 May 2019 10:25

Tgt Ion: 98 Resp: 204860

Ion Ratio Lower Upper

98 100

100 63.9 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

