

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021319\
 Data File : VX007506.D
 Acq On : 13 Feb 2019 02:09
 Operator : JC/SP
 Sample : K1465-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EFFLUENT-2

Quant Time: Feb 13 09:59:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	83833	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	434959	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	370770	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	165685	30.55	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.83%
60) 4-Bromofluorobenzene	11.13	95	157273	27.64	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.13%
63) Toluene-d8	8.71	98	500096	29.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.47%

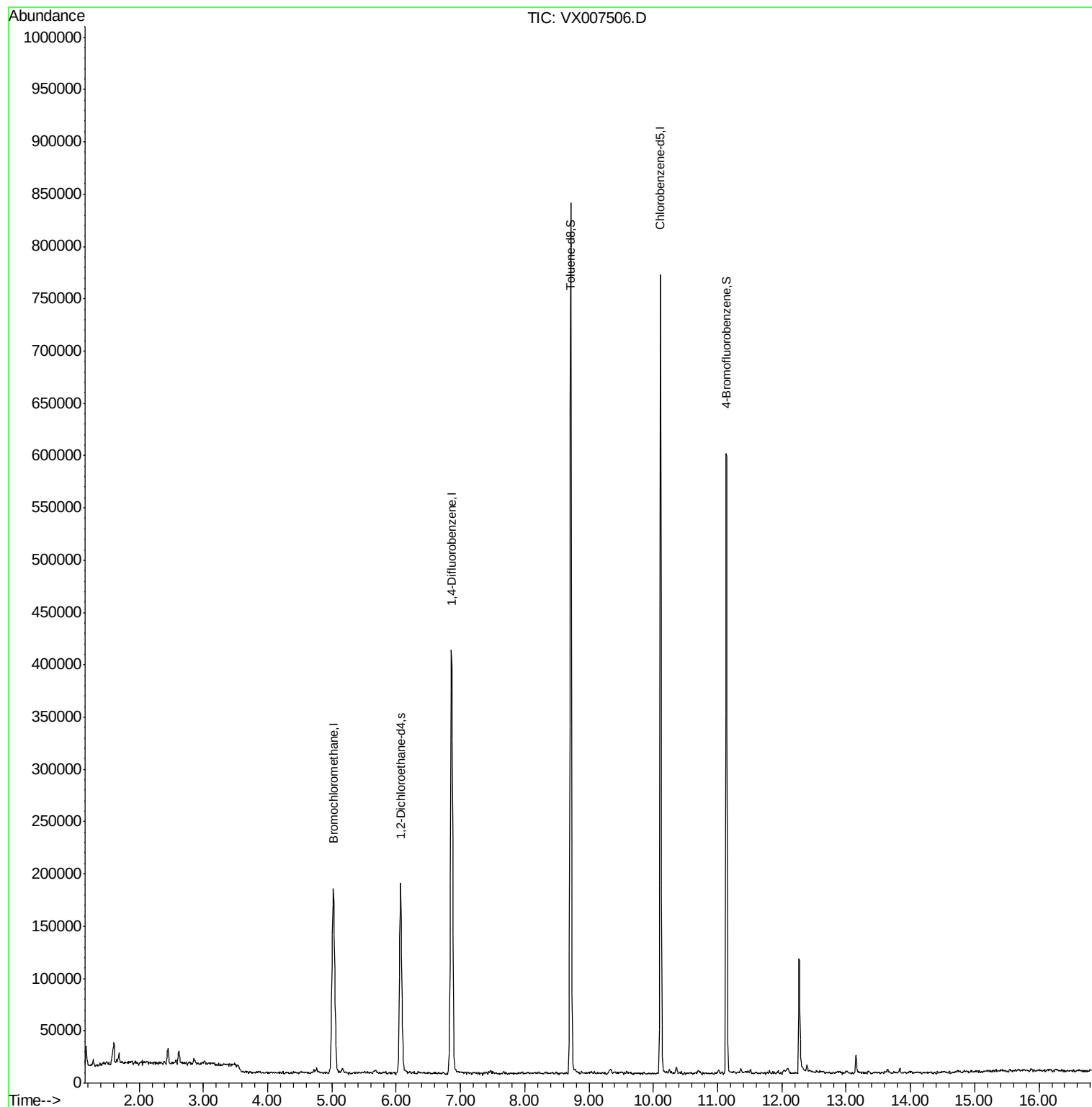
Target Compounds	Ovalue

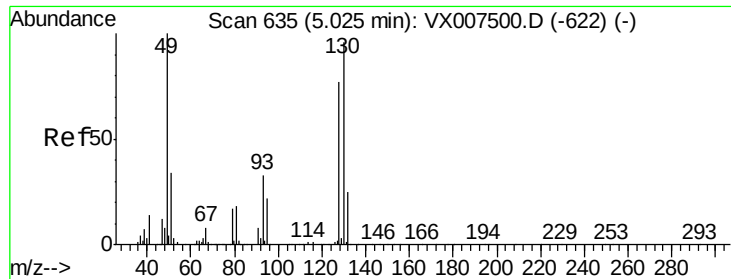
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021319\
Data File : VX007506.D
Acq On : 13 Feb 2019 02:09
Operator : JC/SP
Sample : K1465-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
EFFLUENT-2

Quant Time: Feb 13 09:59:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Feb 13 07:51:18 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 636

Delta R.T. 0.01 min

Lab File: VX007506.D

Acq: 13 Feb 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

EFFLUENT-2

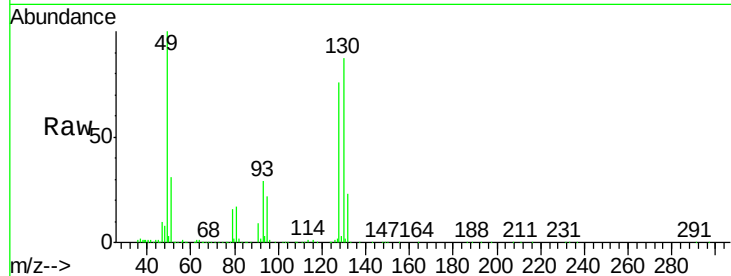
Tot Ion:128 Resp: 83833

Ion Ratio Lower Upper

128 100

49 136.8 0.0 350.8

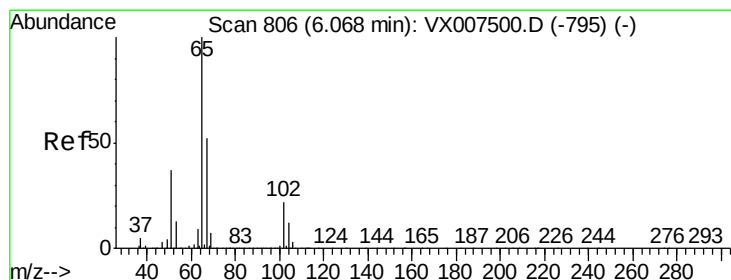
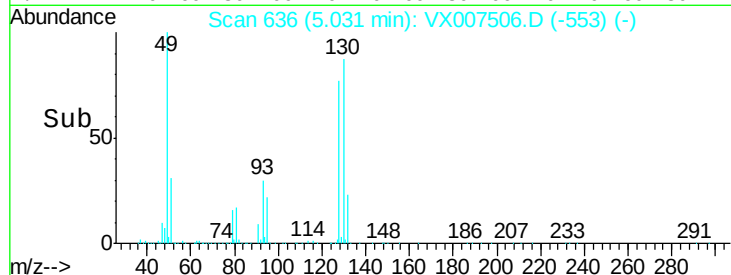
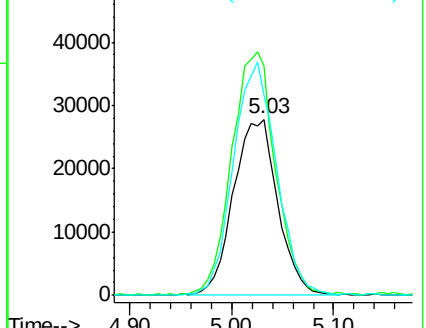
130 128.8 0.0 325.8



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: 30.553 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007506.D

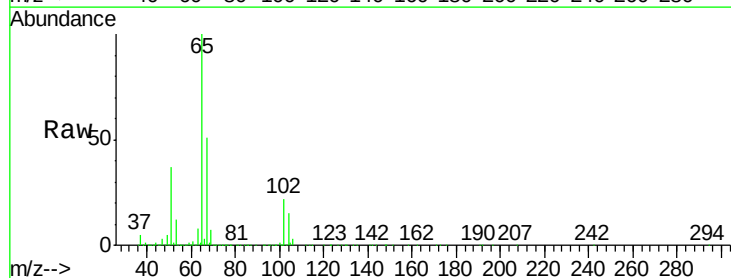
Acq: 13 Feb 2019 02:09

Tgt Ion: 65 Resp: 165685

Ion Ratio Lower Upper

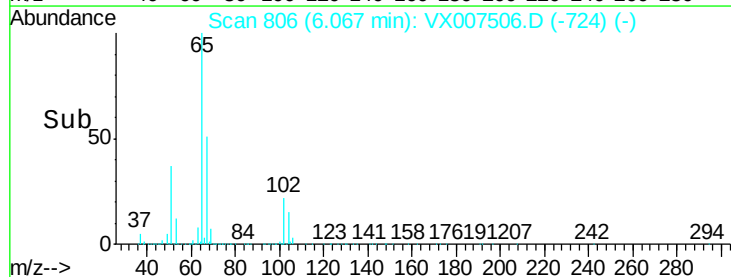
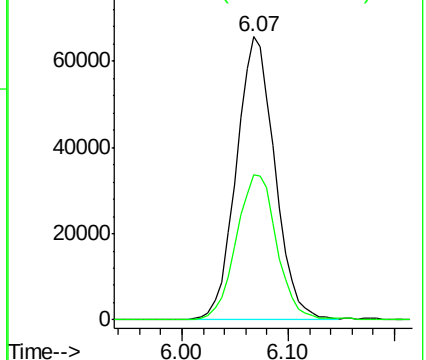
65 100

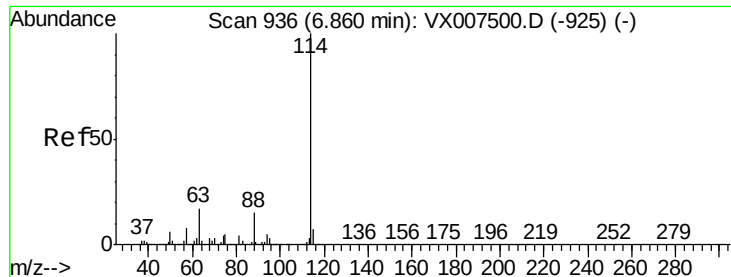
67 54.0 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007506.D

Acq: 13 Feb 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

EFFLUENT-2

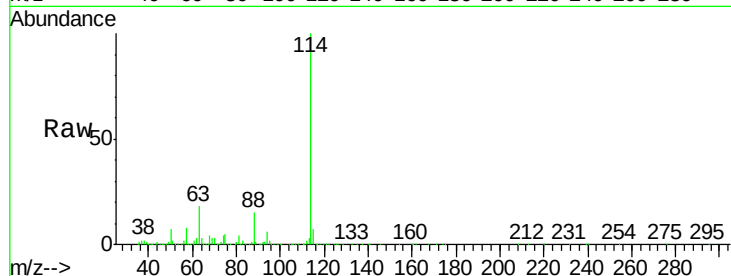
Tot Ion:114 Resp: 434959

Ion Ratio Lower Upper

114 100

63 18.2 14.2 21.4

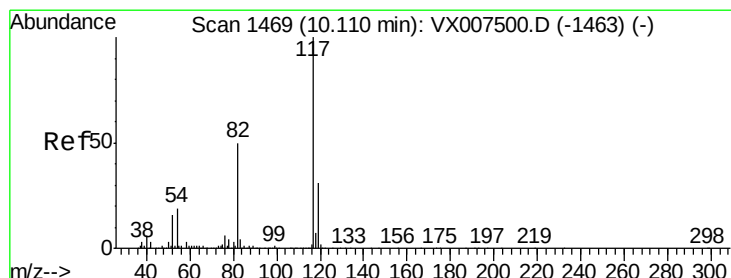
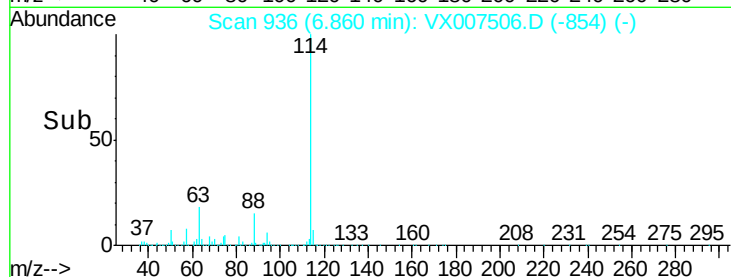
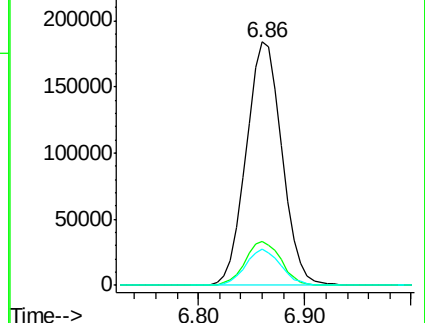
88 14.6 11.9 17.9



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: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007506.D

Acq: 13 Feb 2019 02:09

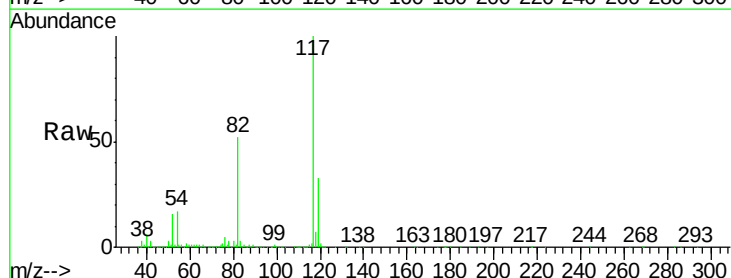
Tgt Ion:117 Resp: 370770

Ion Ratio Lower Upper

117 100

82 52.4 40.4 60.6

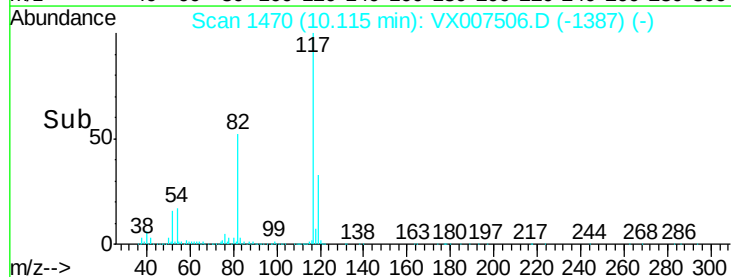
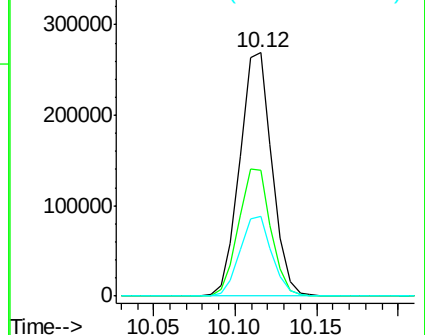
119 32.2 25.8 38.6

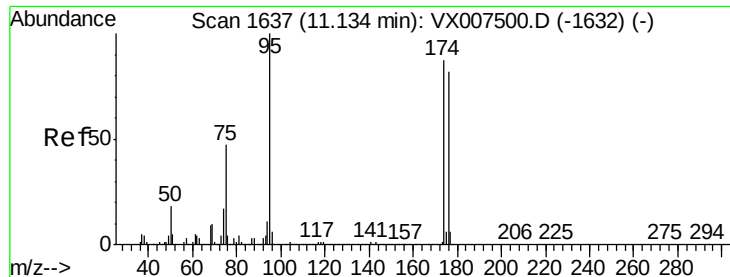


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 27.637 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007506.D

Acq: 13 Feb 2019 02:09

Instrument :

MSVOA_X

ClientSampleId :

EFFLUENT-2

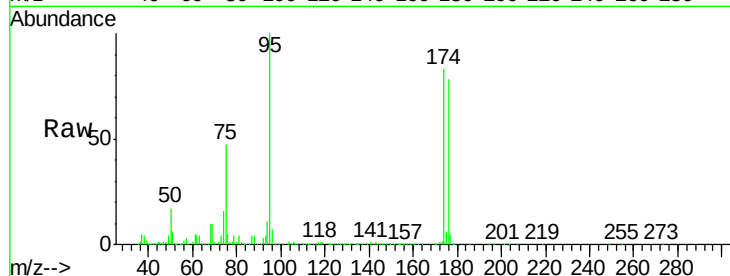
Tot Ion: 95 Resp: 157273

Ion Ratio Lower Upper

95 100

174 90.4 74.9 112.3

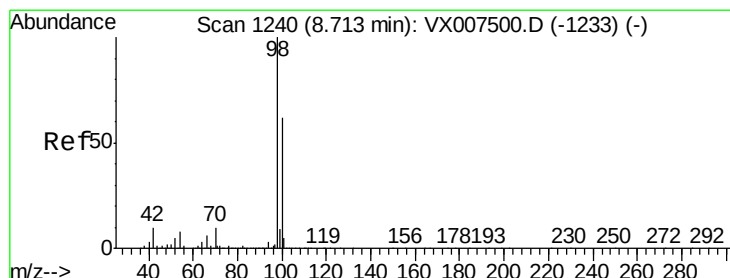
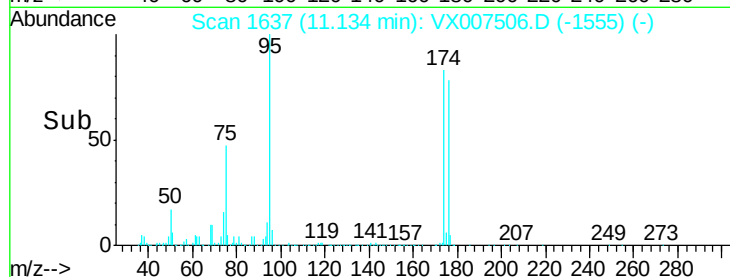
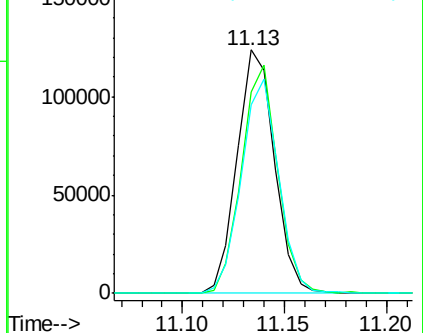
176 88.5 70.7 106.1



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: 29.842 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007506.D

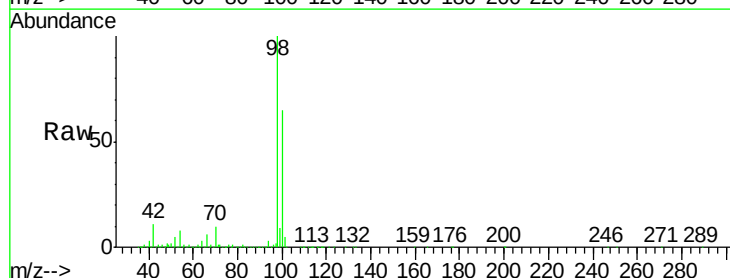
Acq: 13 Feb 2019 02:09

Tgt Ion: 98 Resp: 500096

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

