

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040720\
 Data File : VX015531.D
 Acq On : 07 Apr 2020 12:10
 Operator : JC/SP
 Sample : VX0407WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBL01

Quant Time: Apr 08 03:09:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	191525	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	1073107	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	974879	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	480496	32.11	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	107.03%
60) 4-Bromofluorobenzene	11.12	95	496002	29.73	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.10%
63) Toluene-d8	8.70	98	1258210	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

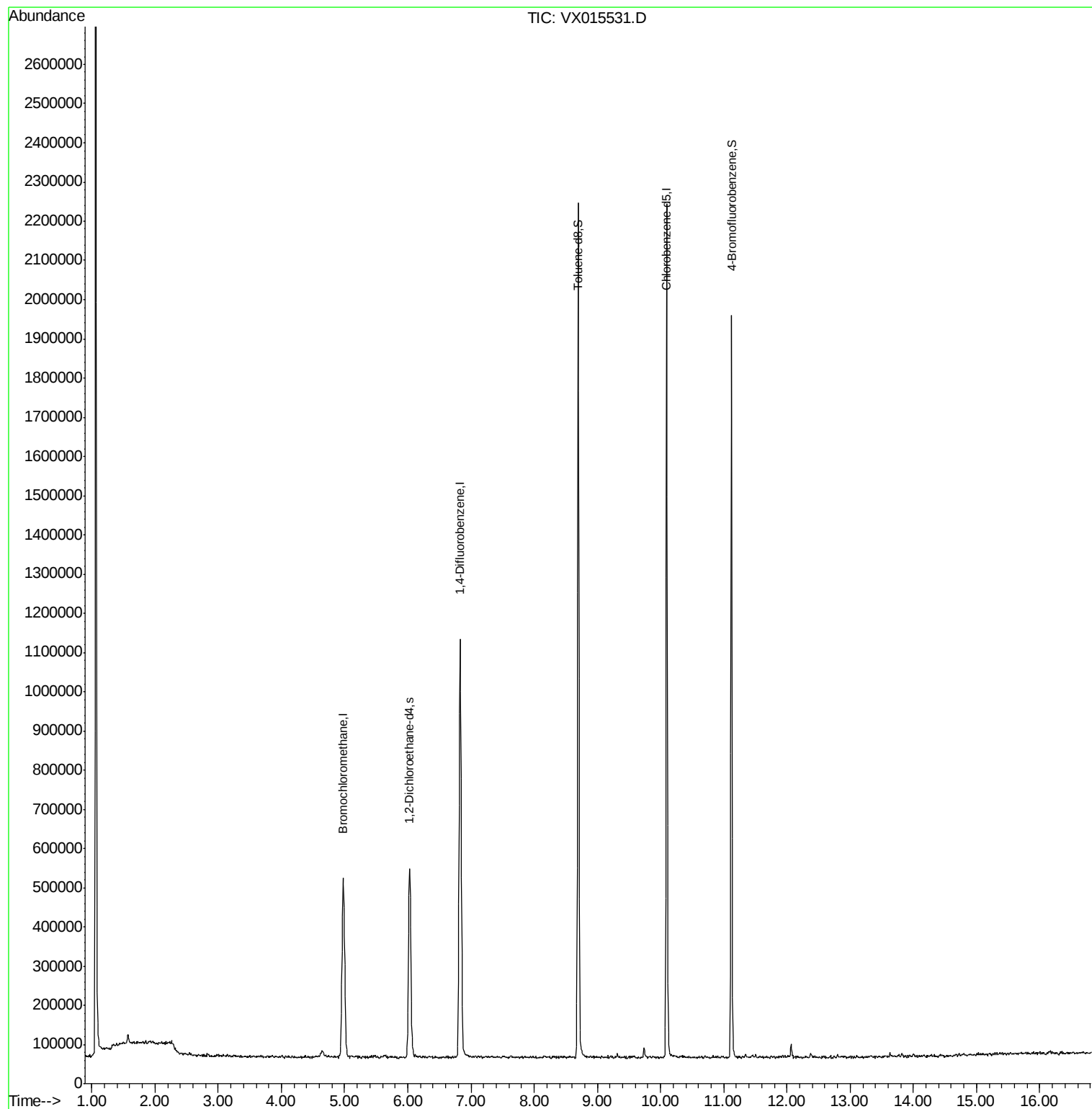
Target Compounds	Ovalue

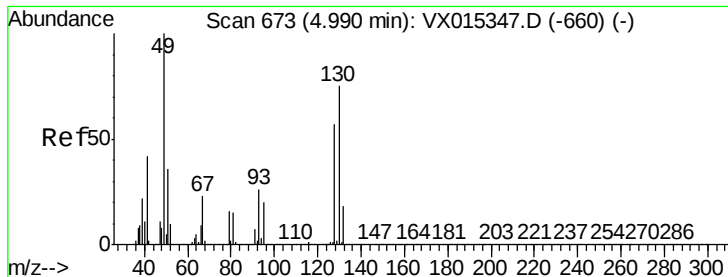
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040720\
Data File : VX015531.D
Acq On : 07 Apr 2020 12:10
Operator : JC/SP
Sample : VX0407WBL01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBL01

Quant Time: Apr 08 03:09:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX015531.D

Acq: 07 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBL01

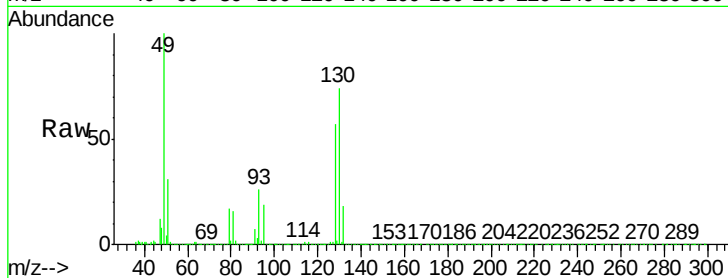
Tot Ion:128 Resp: 191525

Ion Ratio Lower Upper

128 100

49 176.0 0.0 428.0

130 129.4 0.0 324.5



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

150000

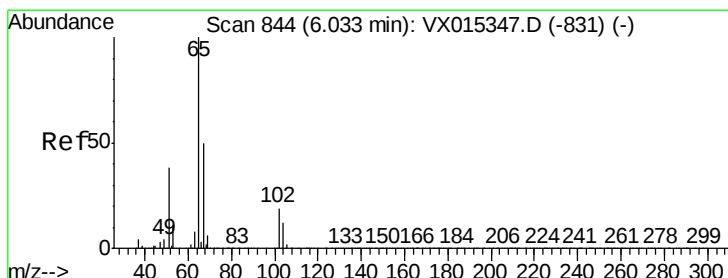
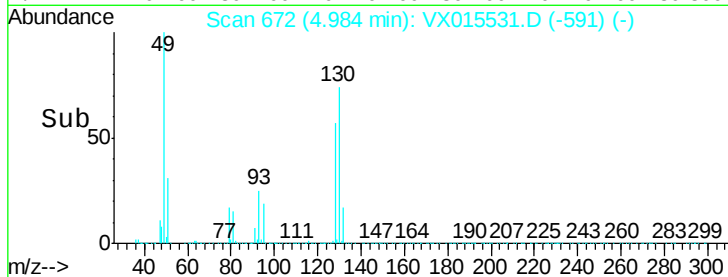
100000

50000

0

4.85 4.90 4.95 5.00 5.05

Time-->



#27

1,2-Dichloroethane-d4

Concen: 32.105 ug/l

RT: 6.03 min Scan# 843

Delta R.T. -0.01 min

Lab File: VX015531.D

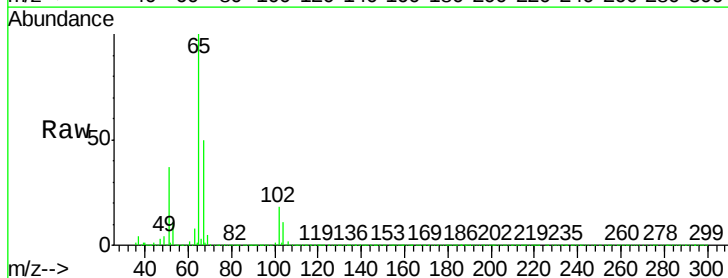
Acq: 07 Apr 2020 12:10

Tgt Ion: 65 Resp: 480496

Ion Ratio Lower Upper

65 100

67 50.6 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

200000

150000

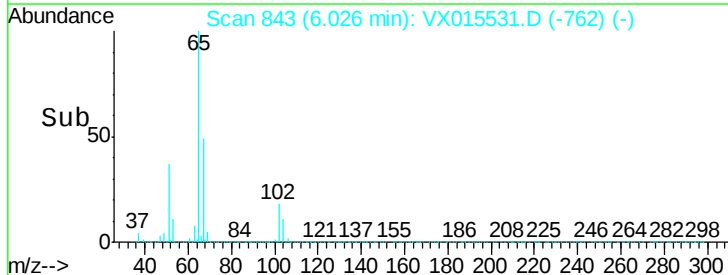
100000

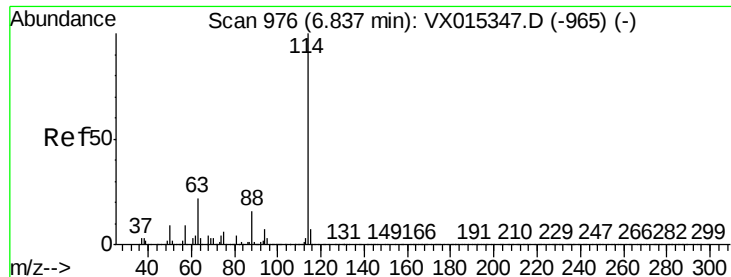
50000

0

5.90 6.00 6.10

Time-->





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015531.D

Acq: 07 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBL01

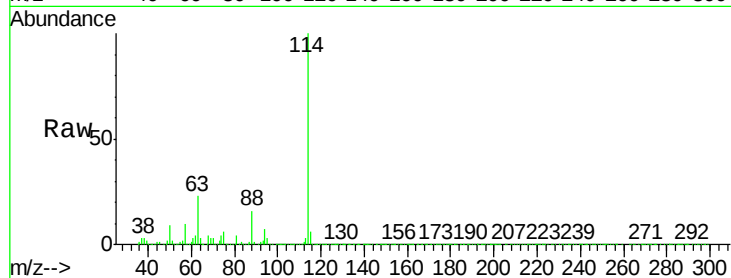
Tot Ion:114 Resp: 1073107

Ion Ratio Lower Upper

114 100

63 22.8 17.4 26.2

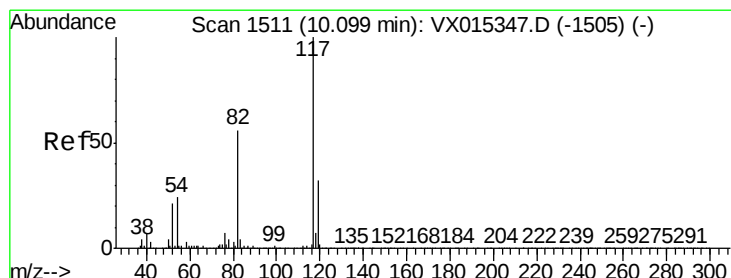
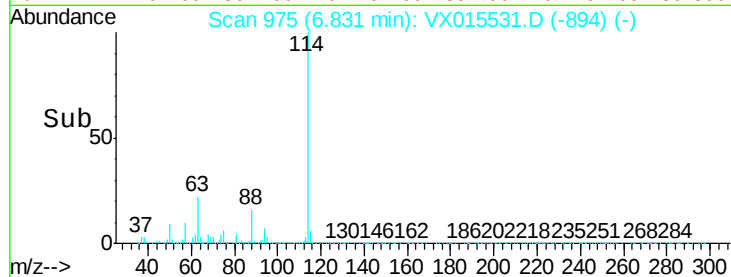
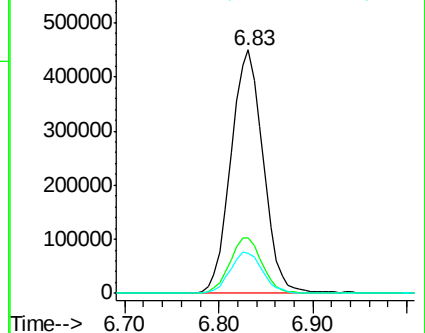
88 17.0 12.9 19.3



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: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015531.D

Acq: 07 Apr 2020 12:10

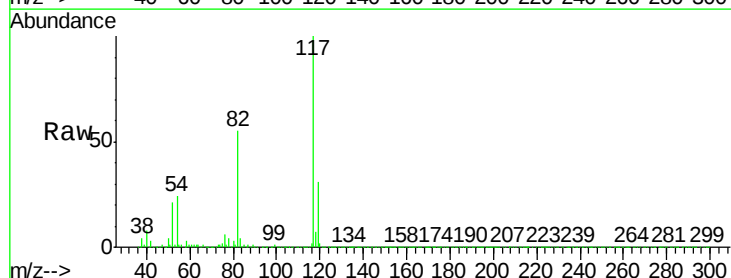
Tgt Ion:117 Resp: 974879

Ion Ratio Lower Upper

117 100

82 57.1 45.0 67.6

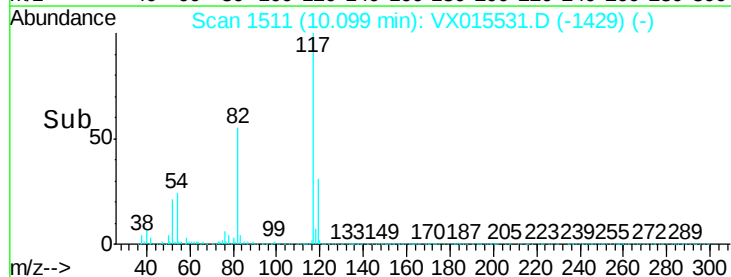
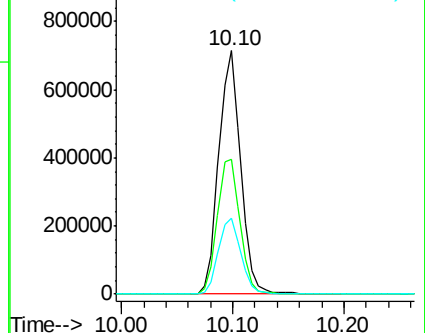
119 31.7 25.5 38.3

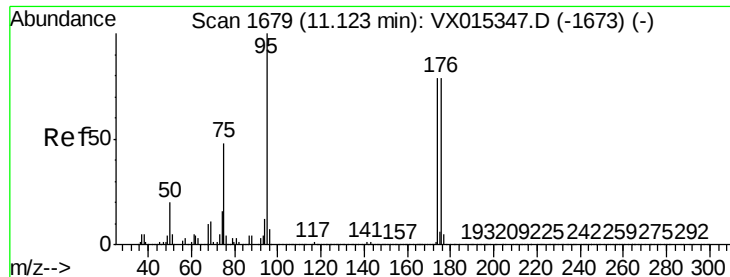


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 29.729 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015531.D

Acq: 07 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0407WBL01

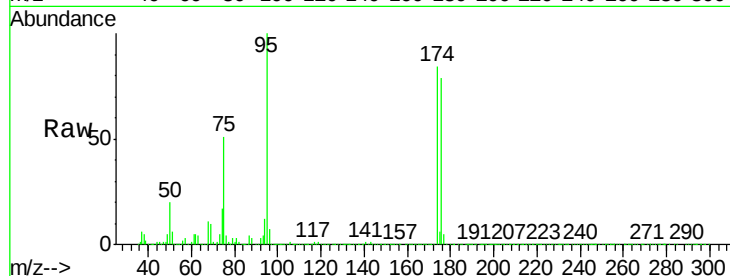
Tot Ion: 95 Resp: 496002

Ion Ratio Lower Upper

95 100

174 80.8 66.4 99.6

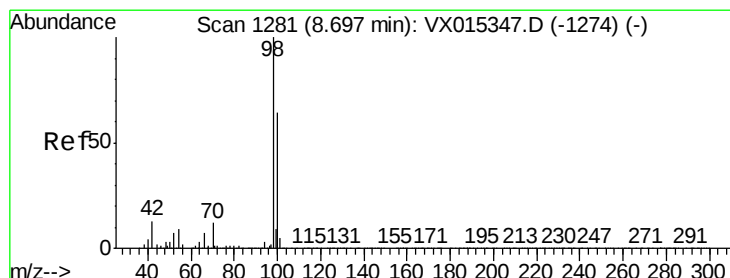
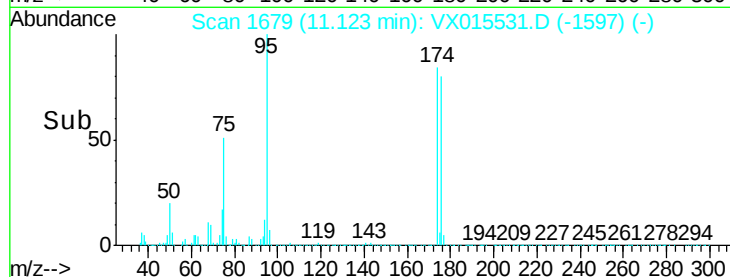
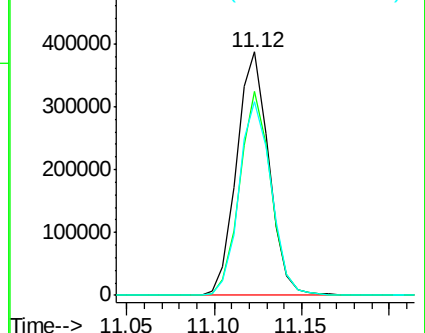
176 79.8 64.1 96.1



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: 30.378 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015531.D

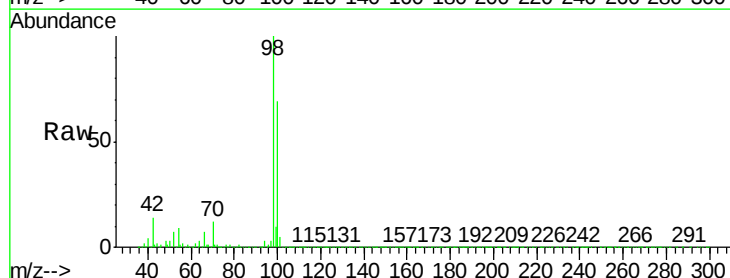
Acq: 07 Apr 2020 12:10

Tgt Ion: 98 Resp: 1258210

Ion Ratio Lower Upper

98 100

100 66.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

