

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011520\
 Data File : VX014621.D
 Acq On : 15 Jan 2020 16:14
 Operator : JC/SP
 Sample : L1135-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-011420

Quant Time: Jan 16 02:46:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	74193	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	415578	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	360542	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	161770	31.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.40%
60) 4-Bromofluorobenzene	11.13	95	159586	27.66	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.20%
63) Toluene-d8	8.71	98	487819	29.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.83%

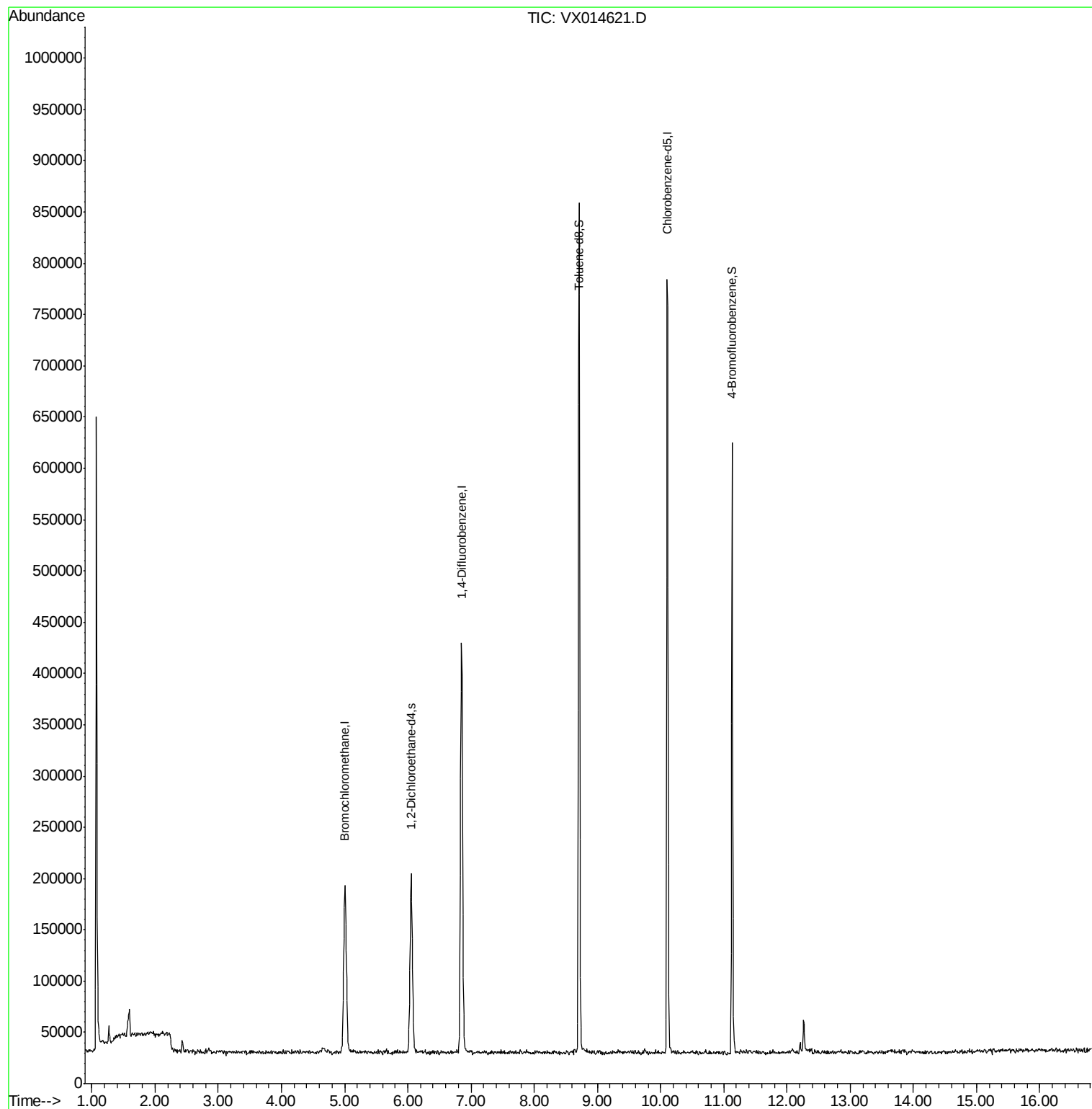
Target Compounds	Ovalue

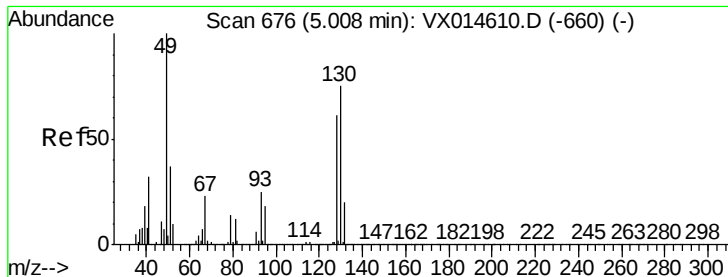
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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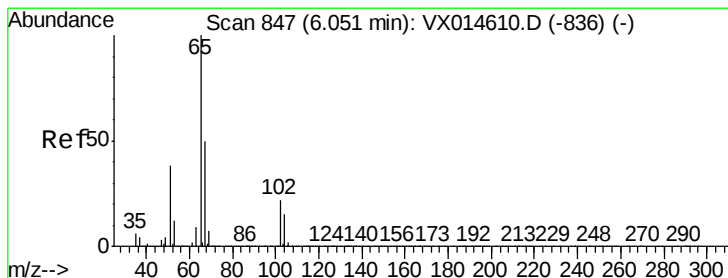
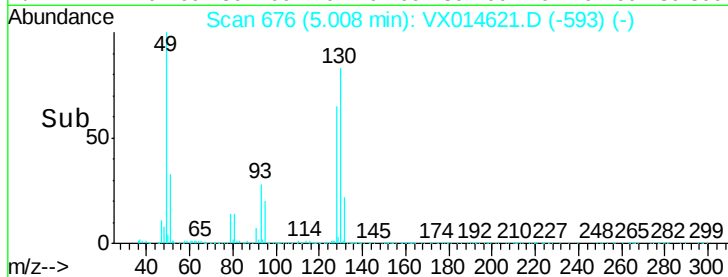
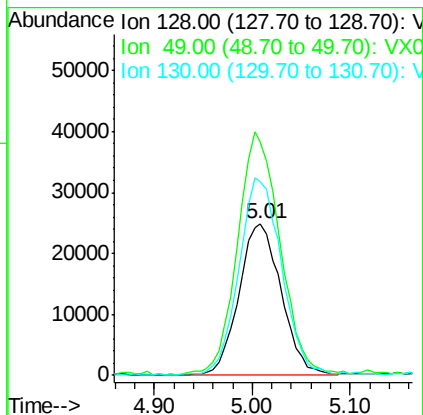
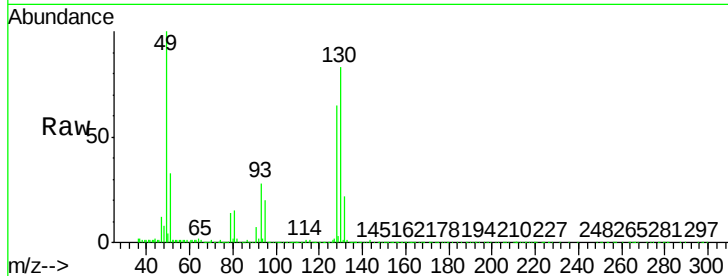


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX014621.D
 Acq: 15 Jan 2020 16:14

Instrument :
 MSVOA_X
 ClientSampled :
 TB-011420

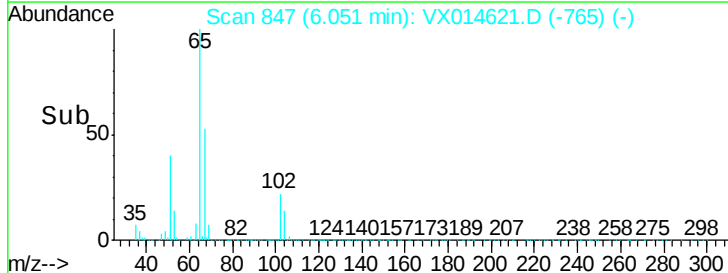
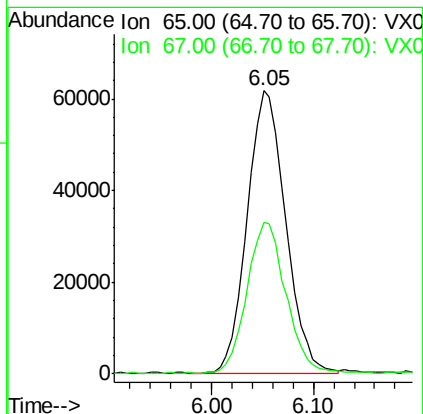
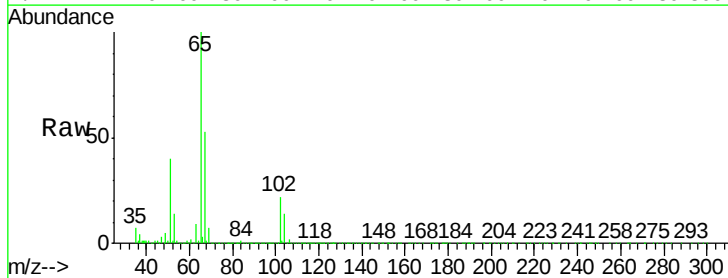
Tot Ion	Ratio	Lower	Upper
128	100		
49	160.8	0.0	405.0
130	132.7	0.0	321.5

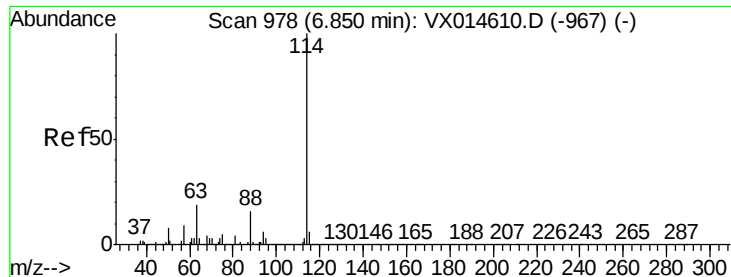


#27

1,2-Dichloroethane-d4
 Concen: 31.021 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014621.D
 Acq: 15 Jan 2020 16:14

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.9	43.1	64.7

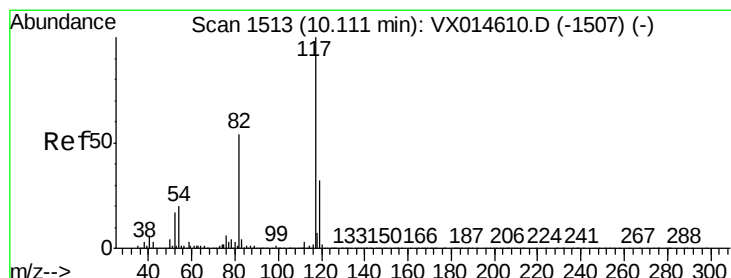
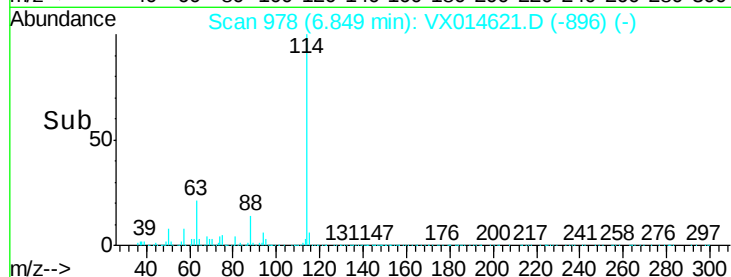
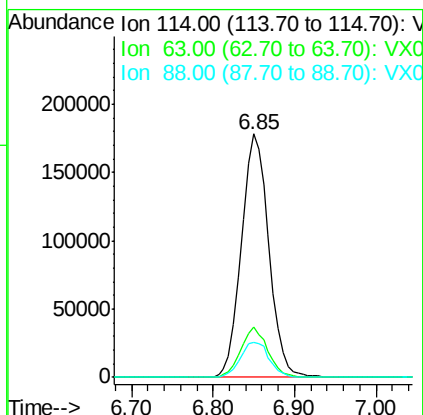
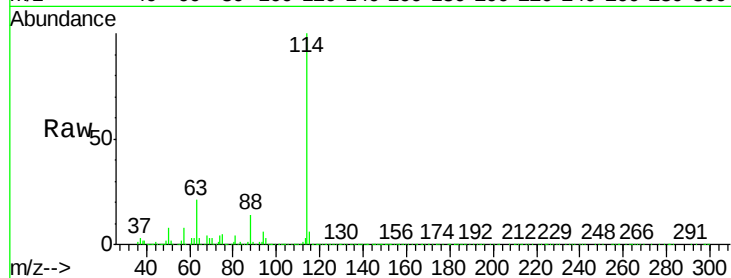




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX014621.D
Acq: 15 Jan 2020 16:14

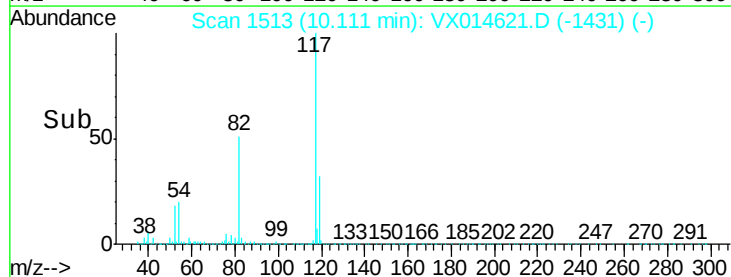
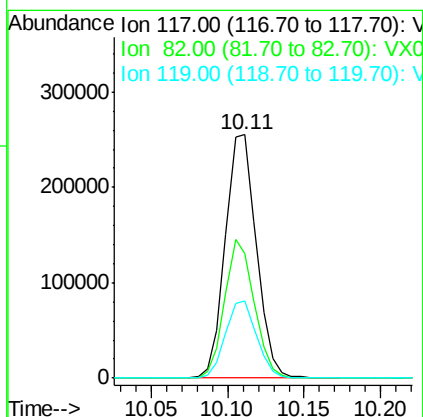
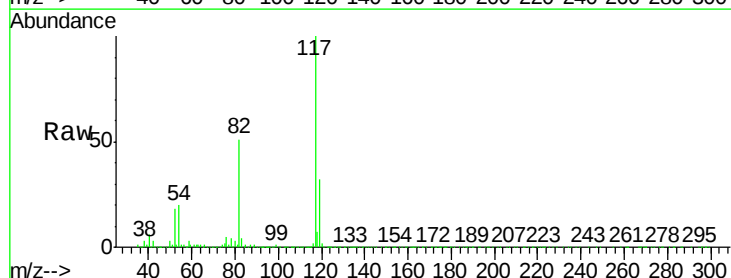
Instrument :
MSVOA_X
ClientSampleId :
TB-011420

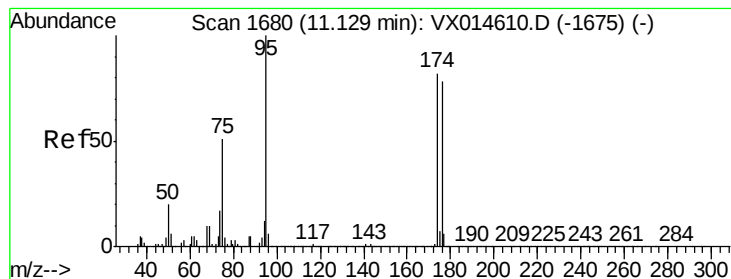
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	15.1	12.5	18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014621.D
Acq: 15 Jan 2020 16:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.8	65.6
119	31.9	25.8	38.6





#60

4-Bromofluorobenzene

Concen: 27.661 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014621.D

Acq: 15 Jan 2020 16:14

Instrument :

MSVOA_X

ClientSampleId :

TB-011420

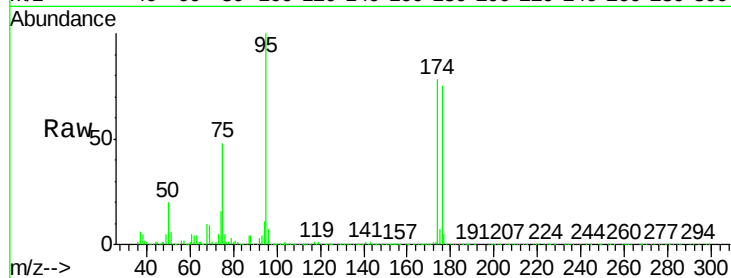
Tot Ion: 95 Resp: 159586

Ion Ratio Lower Upper

95 100

174 87.8 70.2 105.2

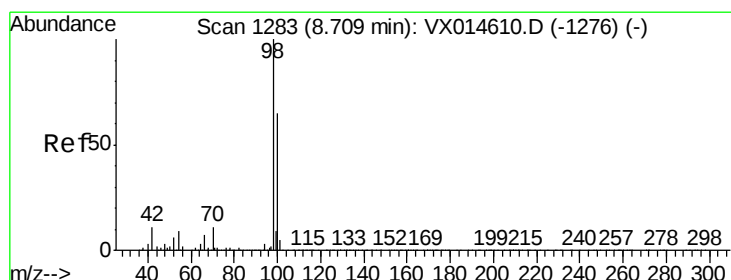
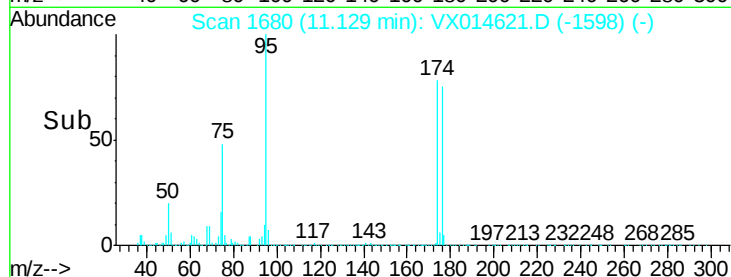
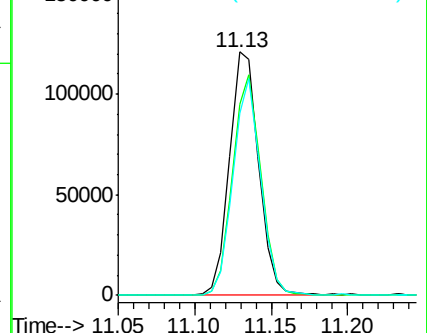
176 84.7 68.3 102.5



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: 29.954 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014621.D

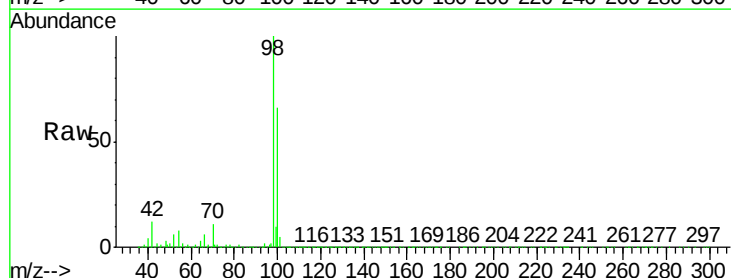
Acq: 15 Jan 2020 16:14

Tgt Ion: 98 Resp: 487819

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

