

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055136.D
 Acq On : 19 Apr 2019 12:40
 Operator : JC/SP
 Sample : K2479-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP

Quant Time: Apr 22 10:01:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	69660	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	357446	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	289346	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	161689	30.45	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.50%
60) 4-Bromofluorobenzene	12.40	95	100291	22.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	74.20%
63) Toluene-d8	10.09	98	427399	31.07	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.57%

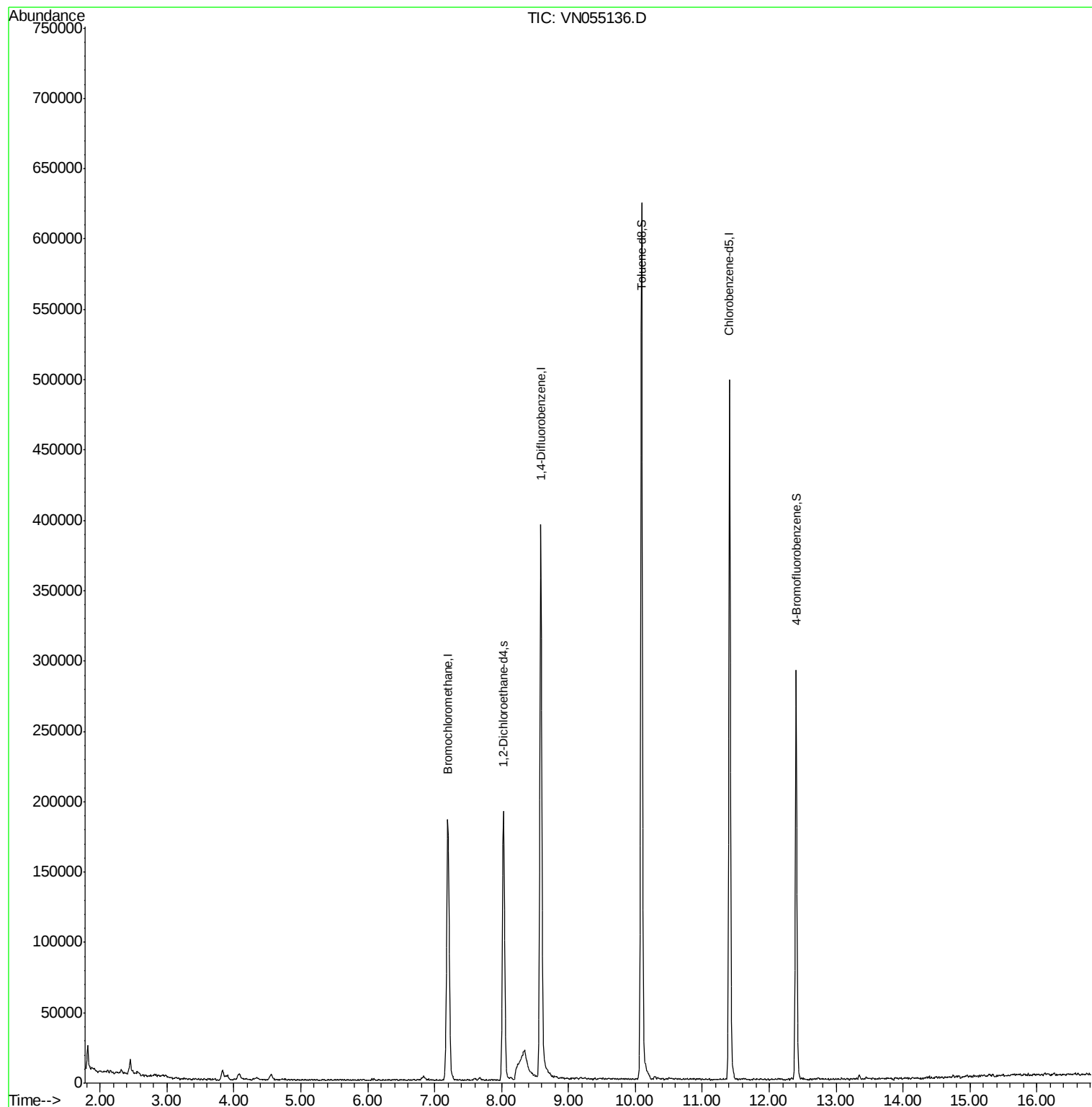
Target Compounds	Ovalue

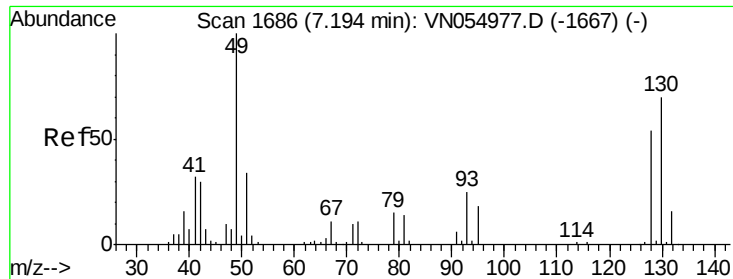
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN055136.D

Acq: 19 Apr 2019 12:40

Instrument :
MSVOA_N
ClientSampled :
DUP

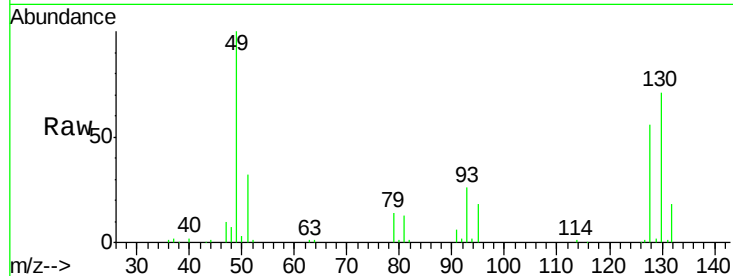
Tot Ion:128 Resp: 69660

Ion Ratio Lower Upper

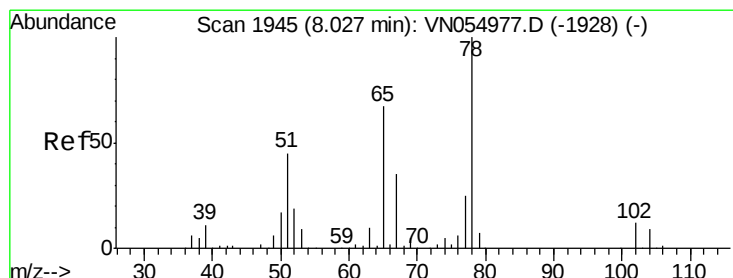
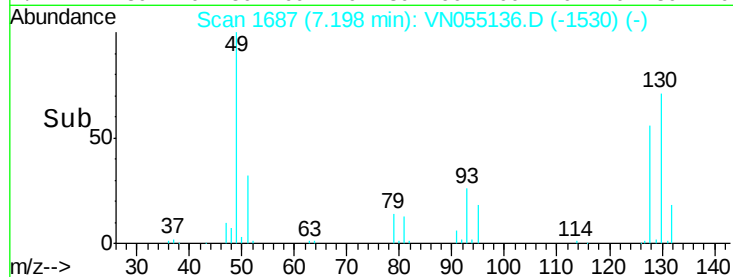
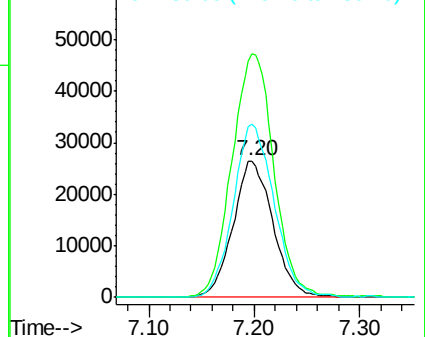
128 100

49 186.6 0.0 480.3

130 129.6 0.0 322.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): V
Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055136.D

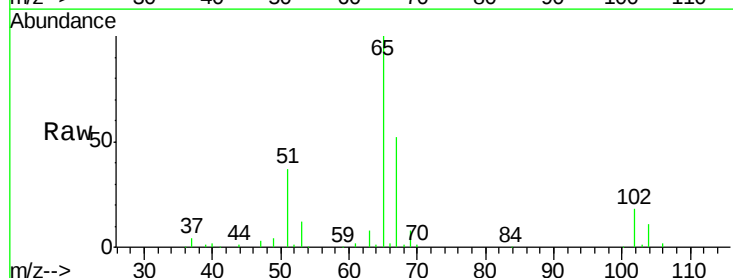
Acq: 19 Apr 2019 12:40

Tgt Ion: 65 Resp: 161689

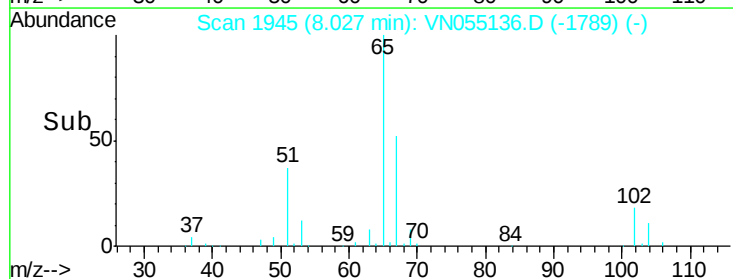
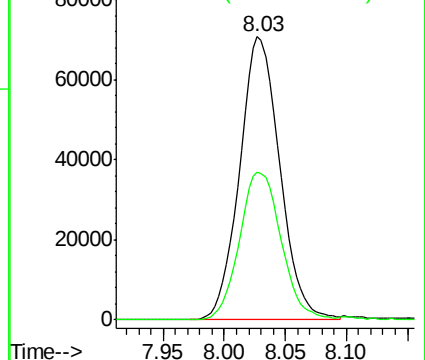
Ion Ratio Lower Upper

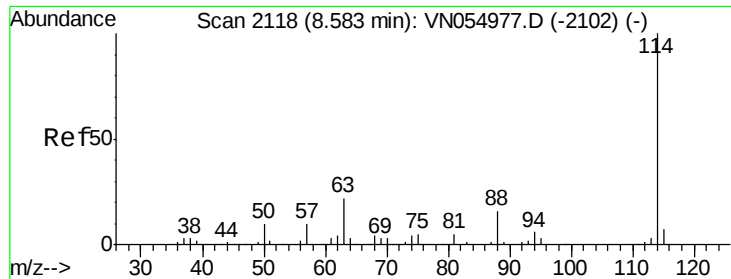
65 100

67 53.9 41.8 62.8



Abundance Ion 65.00 (64.70 to 65.70): V
Ion 67.00 (66.70 to 67.70): V

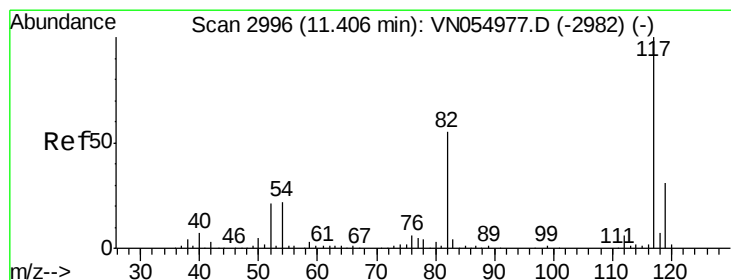
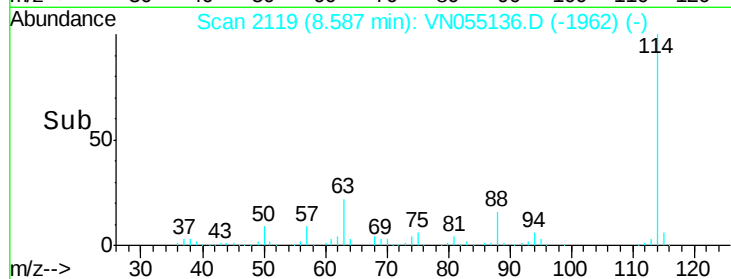
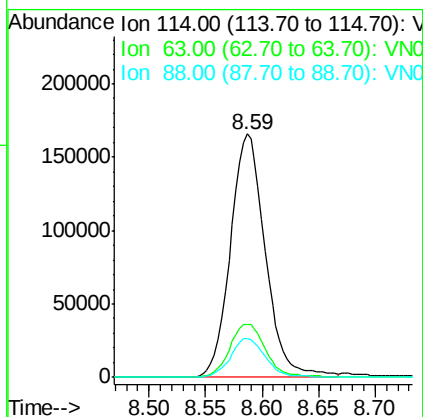
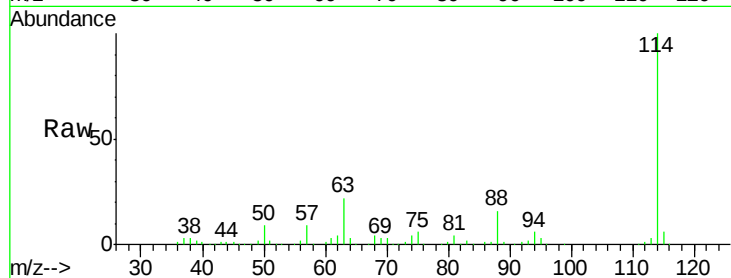




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055136.D
 Acq: 19 Apr 2019 12:40

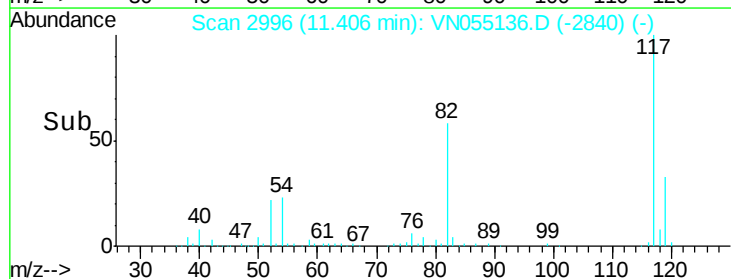
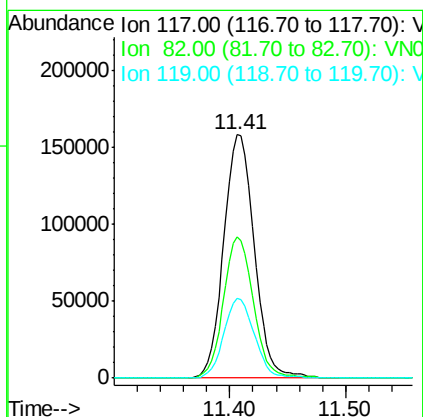
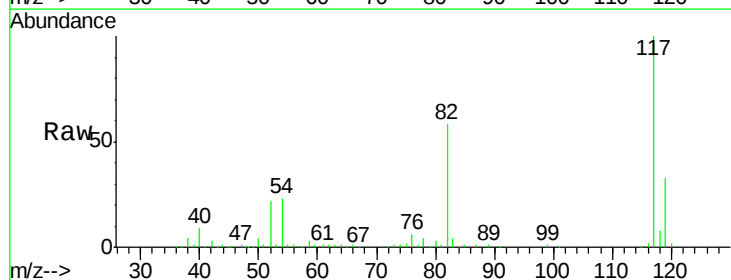
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP

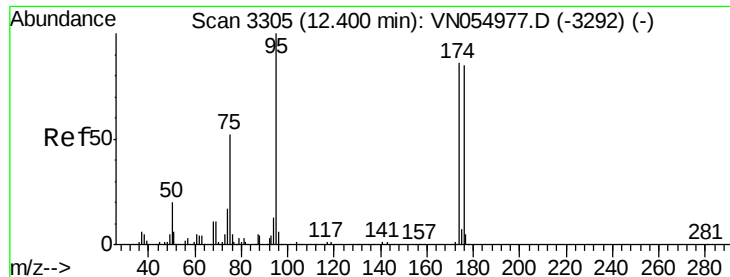
Tot Ion:114 Resp: 357446
 Ion Ratio Lower Upper
 114 100
 63 22.5 17.0 25.4
 88 15.9 12.3 18.5



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN055136.D
 Acq: 19 Apr 2019 12:40

Tgt Ion:117 Resp: 289346
 Ion Ratio Lower Upper
 117 100
 82 56.8 45.2 67.8
 119 32.8 25.4 38.2





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055136.D

Acq: 19 Apr 2019 12:40

Instrument :

MSVOA_N

ClientSampleId :

DUP

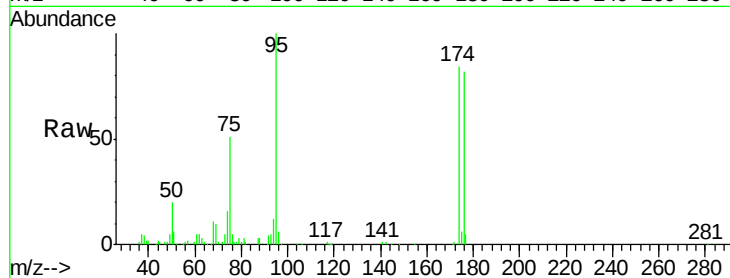
Tot Ion: 95 Resp: 100291

Ion Ratio Lower Upper

95 100

174 85.1 69.4 104.2

176 81.9 67.4 101.2

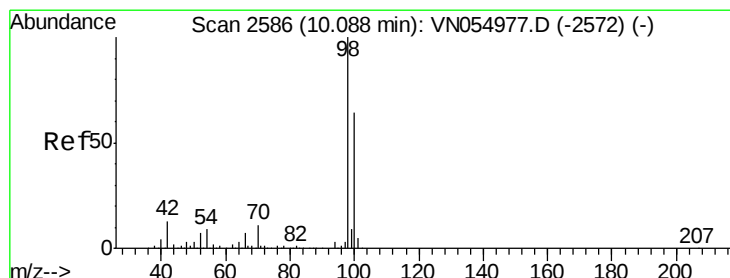
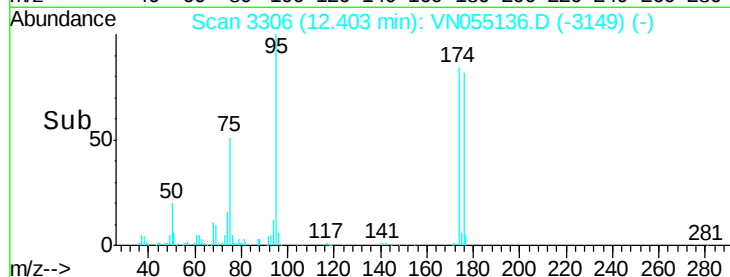


Abundance Ion 95.00 (94.70 to 95.70): VN054977.D (-3292) (-)

Ion 174.00 (173.70 to 174.70): VN054977.D (-3292) (-)

Ion 176.00 (175.70 to 176.70): VN054977.D (-3292) (-)

Time-->



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055136.D

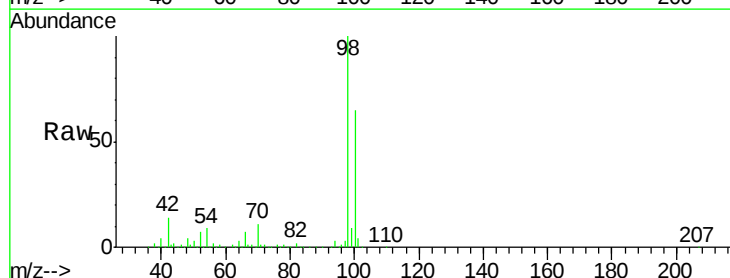
Acq: 19 Apr 2019 12:40

Tgt Ion: 98 Resp: 427399

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN054977.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN054977.D (-2572) (-)

Time-->

