

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040519\
 Data File : VX008680.D
 Acq On : 05 Apr 2019 13:18
 Operator : JC/SP
 Sample : K2256-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CLEARWELL

Quant Time: Apr 08 13:13:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	6201	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	57851	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	38870	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	13925	26.84	ug/l	0.01
Spiked Amount	30.000	Range	50 - 169	Recovery	=	89.47%
60) 4-Bromofluorobenzene	11.14	95	16656	24.59	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	81.97%
63) Toluene-d8	8.72	98	66636	36.12	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	120.40%

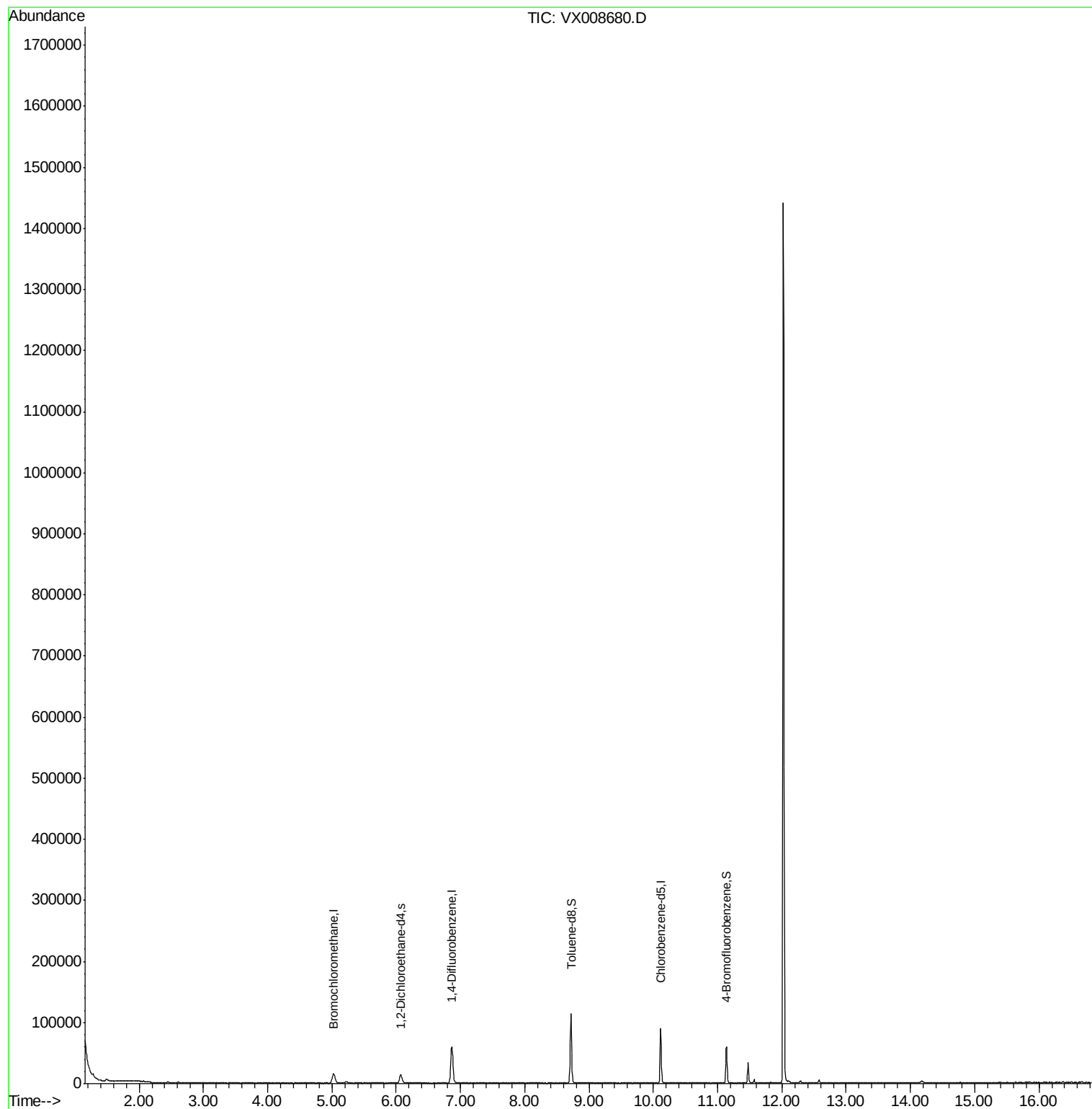
Target Compounds	Qvalue
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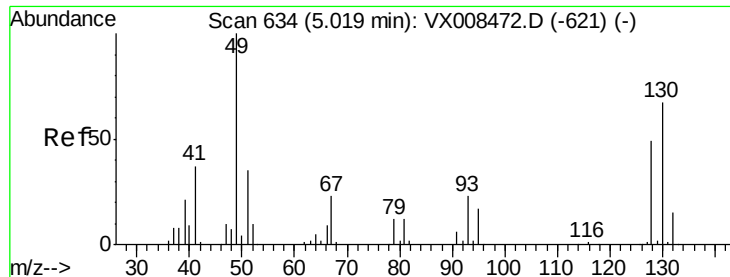
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. 0.01 min

Lab File: VX008680.D

Acq: 05 Apr 2019 13:18

Instrument :

MSVOA_X

ClientSampleId :

CLEARWELL

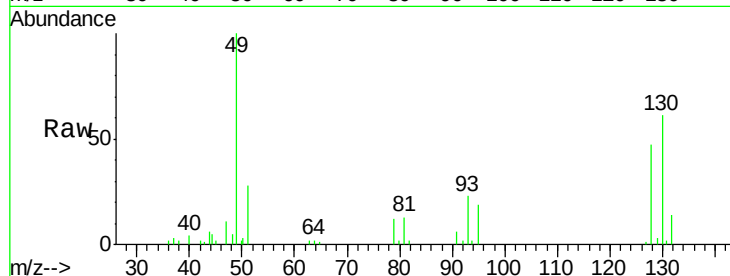
Tgt Ion:128 Resp: 6201

Ion Ratio Lower Upper

128 100

49 209.1 0.0 350.8

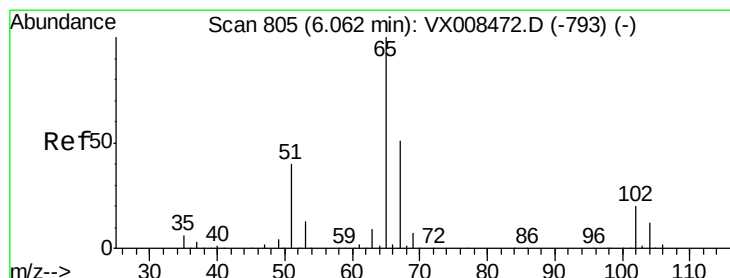
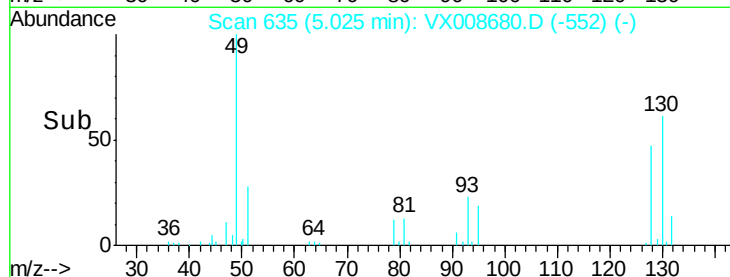
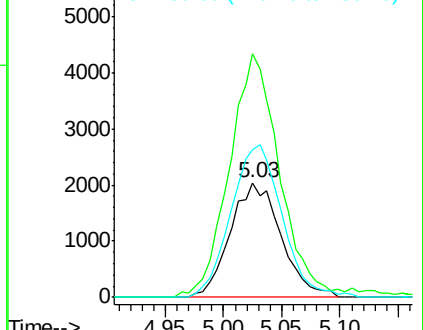
130 132.7 0.0 325.8



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: 26.844 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX008680.D

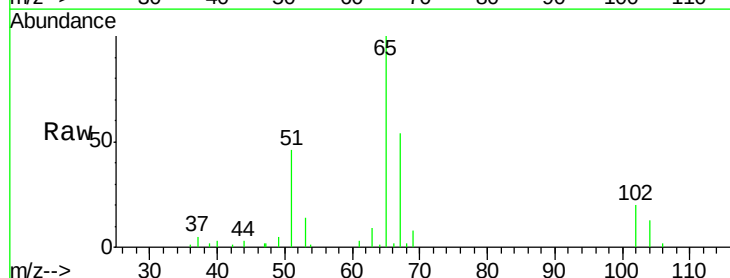
Acq: 05 Apr 2019 13:18

Tgt Ion: 65 Resp: 13925

Ion Ratio Lower Upper

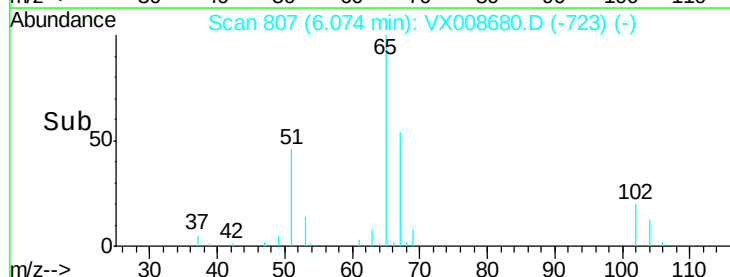
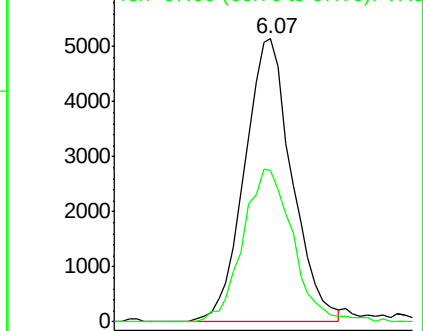
65 100

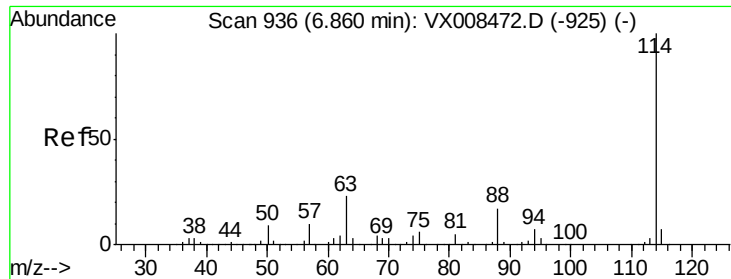
67 56.4 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

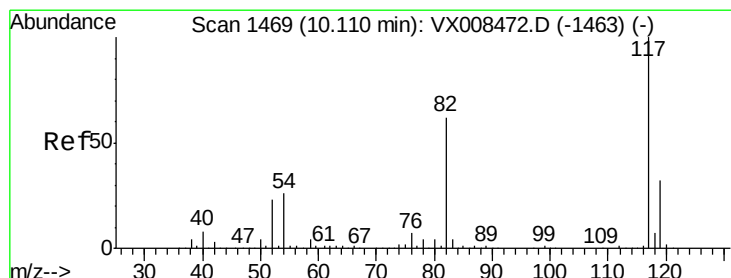
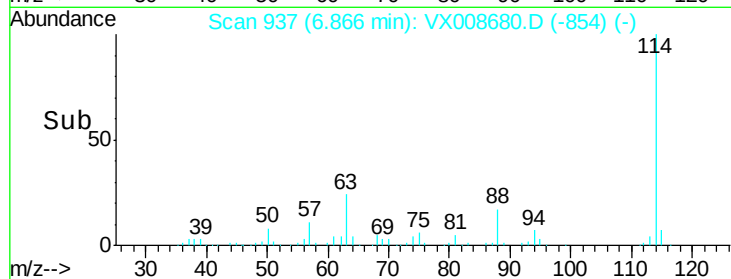
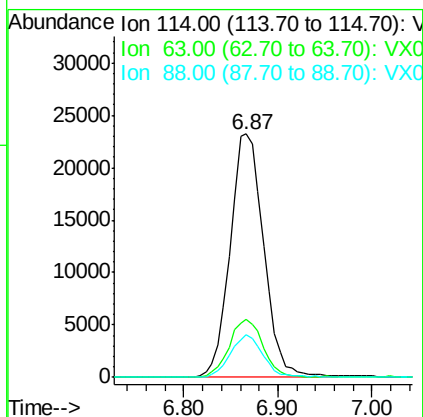
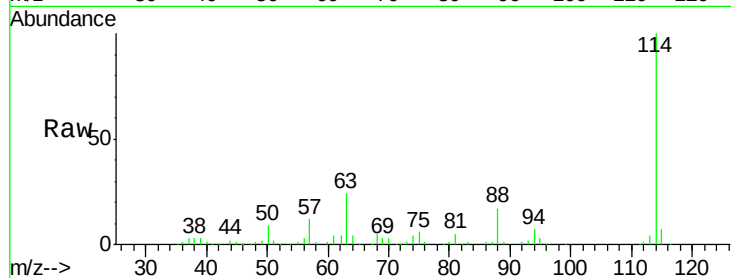




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX008680.D
 Acq: 05 Apr 2019 13:18

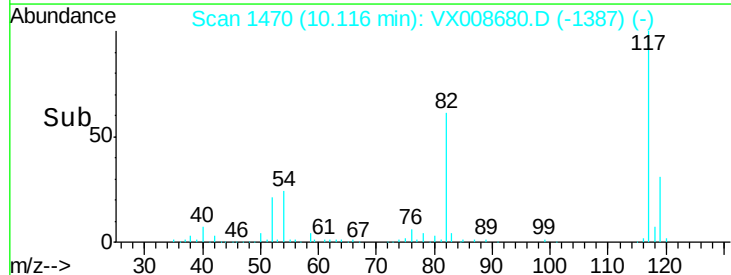
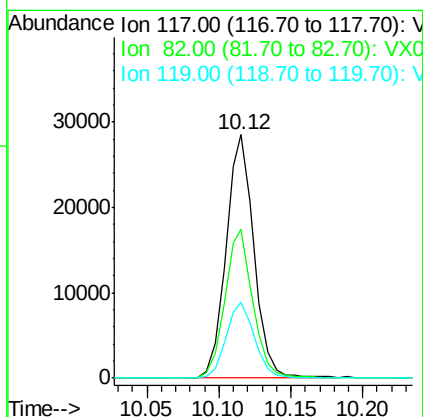
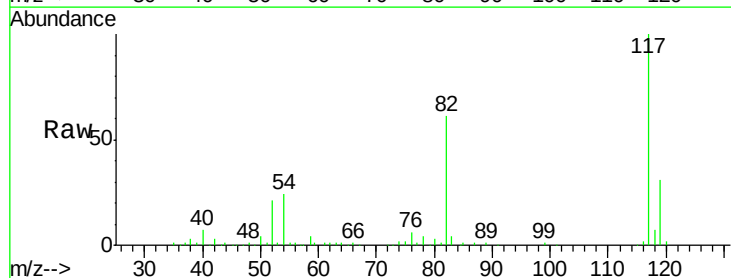
Instrument :
 MSVOA_X
 ClientSampleId :
 CLEARWELL

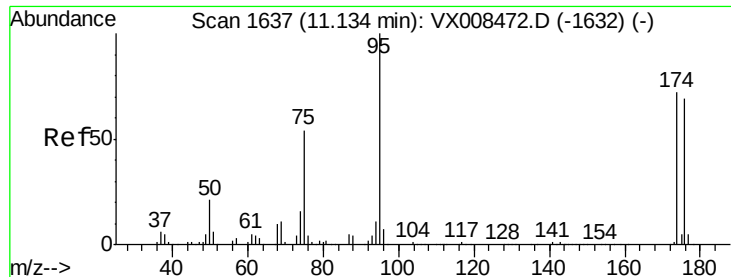
Tgt Ion:114 Resp: 57851
 Ion Ratio Lower Upper
 114 100
 63 24.0 14.2 21.4#
 88 16.7 11.9 17.9



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VX008680.D
 Acq: 05 Apr 2019 13:18

Tgt Ion:117 Resp: 38870
 Ion Ratio Lower Upper
 117 100
 82 61.2 40.4 60.6#
 119 31.7 25.8 38.6





#60

4-Bromofluorobenzene

Concen: 24.594 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.01 min

Lab File: VX008680.D

Acq: 05 Apr 2019 13:18

Instrument :

MSVOA_X

ClientSampled :

CLEARWELL

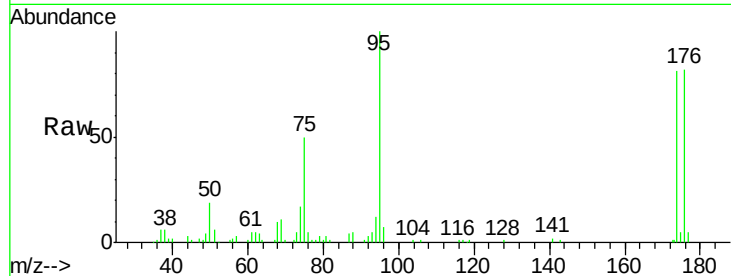
Tgt Ion: 95 Resp: 16656

Ion Ratio Lower Upper

95 100

174 75.3 74.9 112.3

176 74.6 70.7 106.1

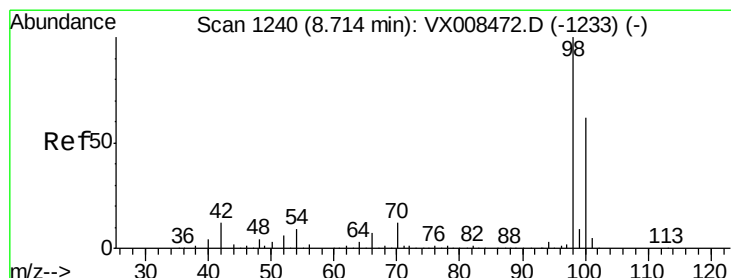
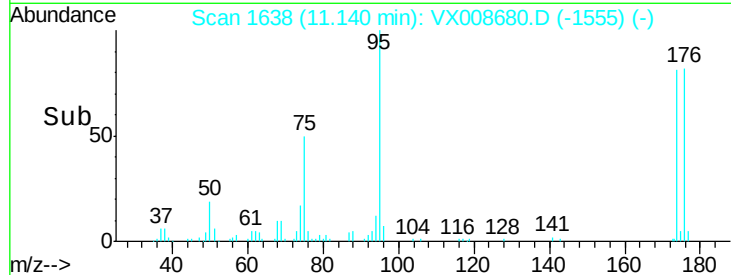


Abundance Ion 95.00 (94.70 to 95.70): VX008472.D (-1632) (-)

Ion 174.00 (173.70 to 174.70): VX008472.D (-1632) (-)

Ion 176.00 (175.70 to 176.70): VX008472.D (-1632) (-)

Time-->



#63

Toluene-d8

Concen: 36.116 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX008680.D

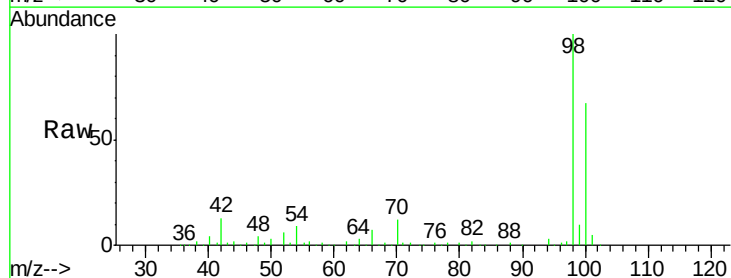
Acq: 05 Apr 2019 13:18

Tgt Ion: 98 Resp: 66636

Ion Ratio Lower Upper

98 100

100 64.6 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX008472.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX008472.D (-1233) (-)

Time-->

