

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053460.D
 Acq On : 18 Jan 2019 9:29
 Operator : JC/SP
 Sample : VN0118WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118WBL01

Quant Time: Jan 18 09:56:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N122818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 28 10:33:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	127288	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	690227	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	609931	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	242973	30.05	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.17%
60) 4-Bromofluorobenzene	12.40	95	258281	27.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.23%
63) Toluene-d8	10.09	98	810740	29.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.33%

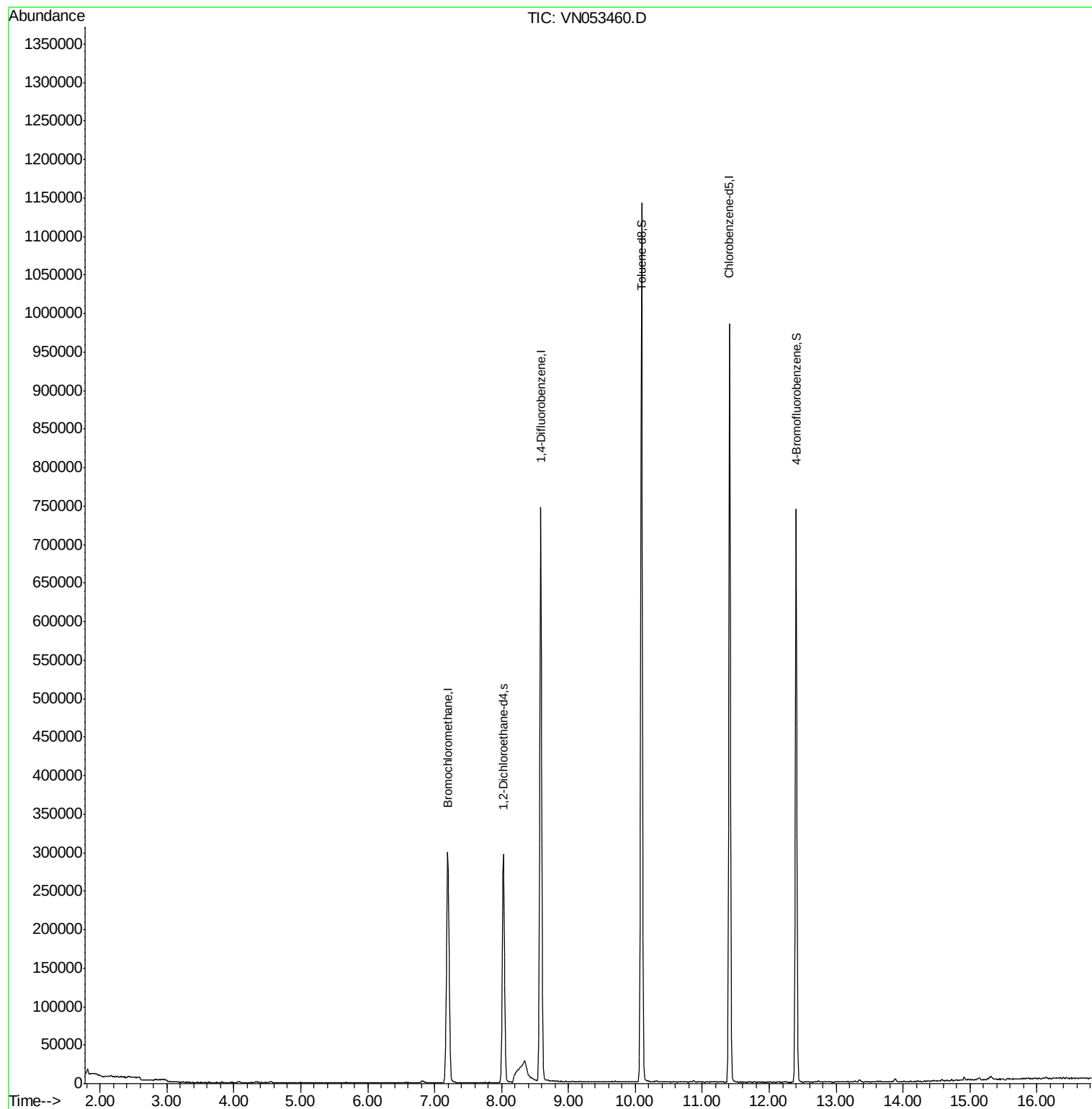
Target Compounds	Ovalue

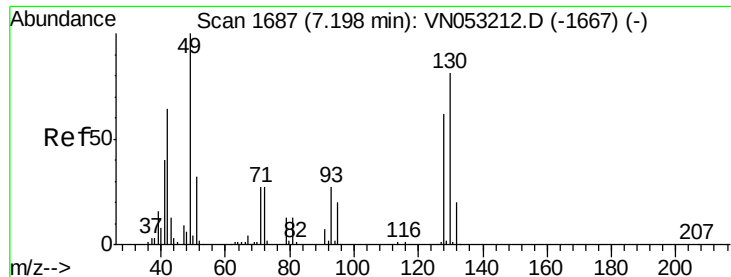
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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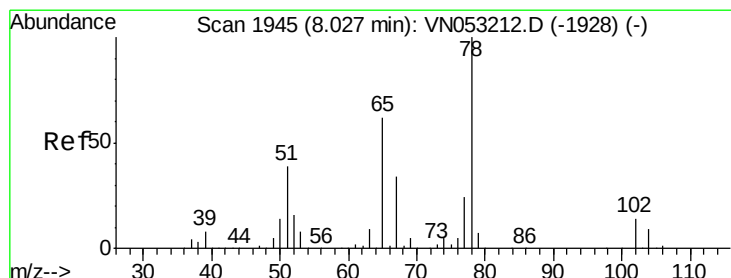
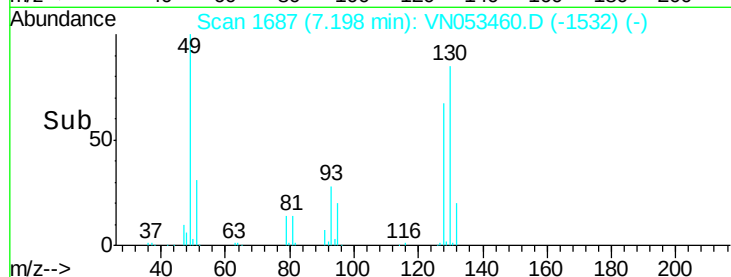
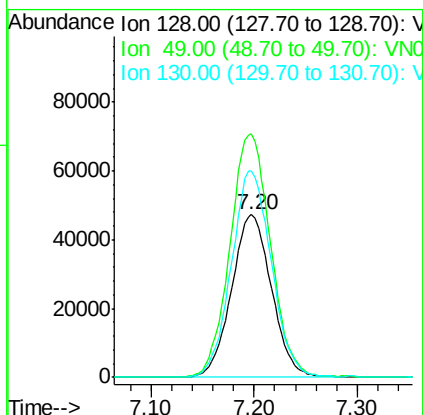
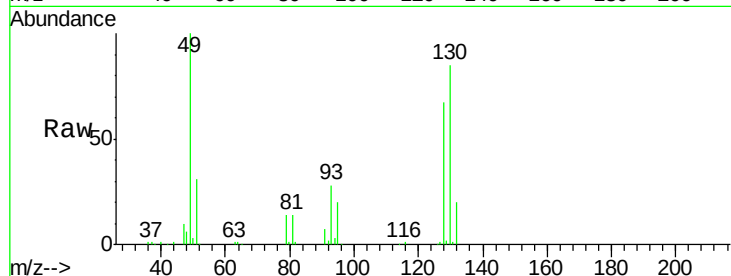




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN053460.D
 Acq: 18 Jan 2019 9:29

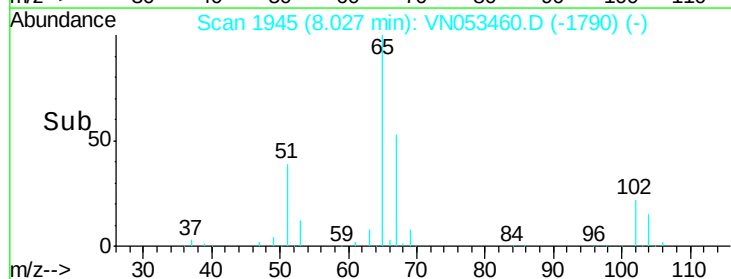
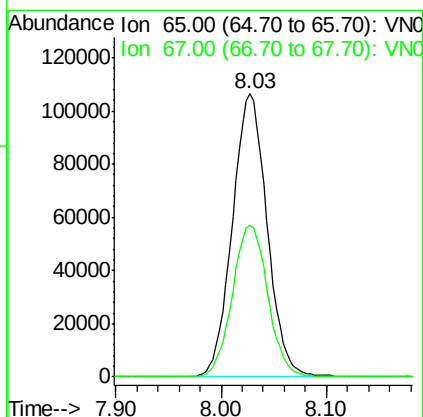
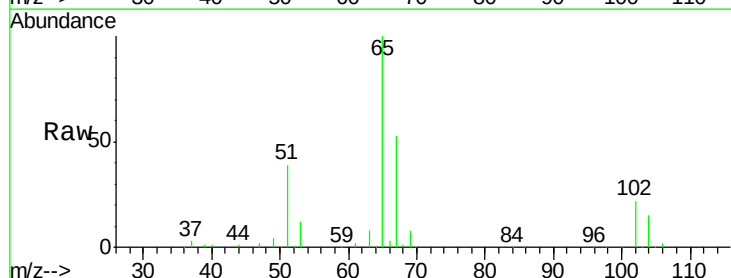
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118WBL01

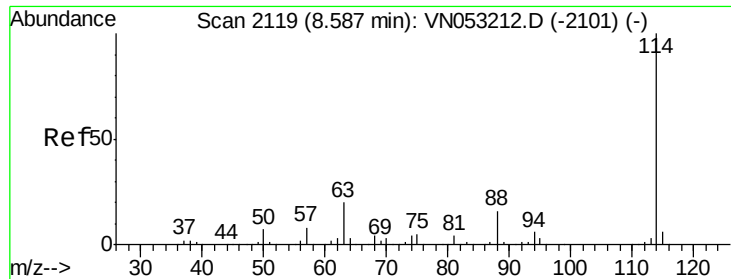
Tot Ion:128 Resp: 127288
 Ion Ratio Lower Upper
 128 100
 49 152.0 0.0 431.8
 130 127.8 0.0 317.0



#27
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053460.D
 Acq: 18 Jan 2019 9:29

Tgt Ion: 65 Resp: 242973
 Ion Ratio Lower Upper
 65 100
 67 54.6 44.6 66.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN053460.D

Acq: 18 Jan 2019 9:29

Instrument :

MSVOA_N

ClientSampleId :

VN0118WBL01

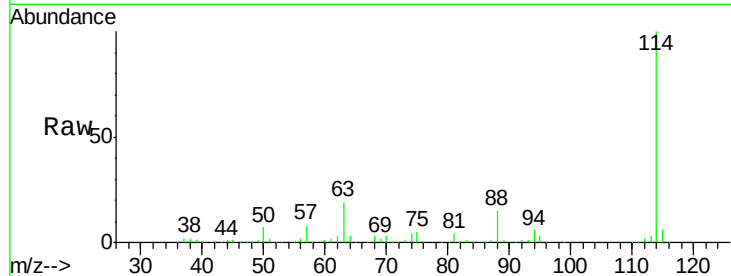
Tot Ion:114 Resp: 690227

Ion Ratio Lower Upper

114 100

63 19.3 16.9 25.3

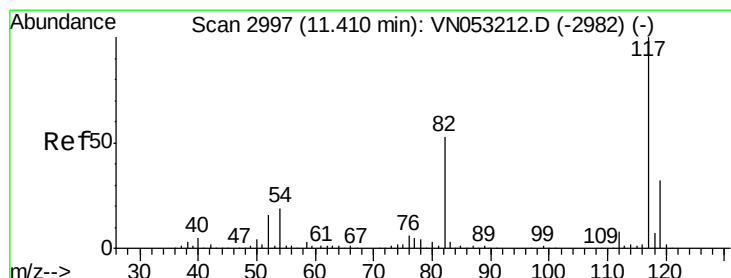
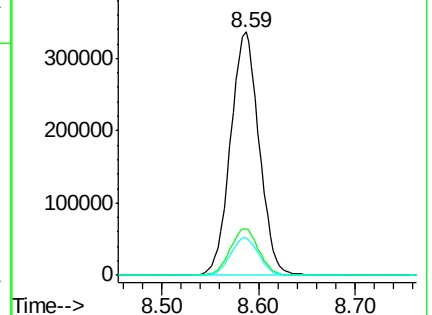
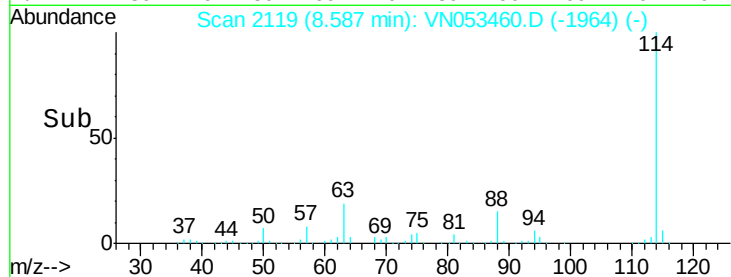
88 15.4 12.8 19.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053460.D

Acq: 18 Jan 2019 9:29

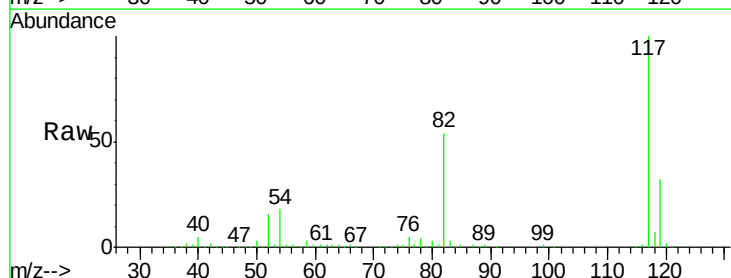
Tgt Ion:117 Resp: 609931

Ion Ratio Lower Upper

117 100

82 53.5 44.2 66.2

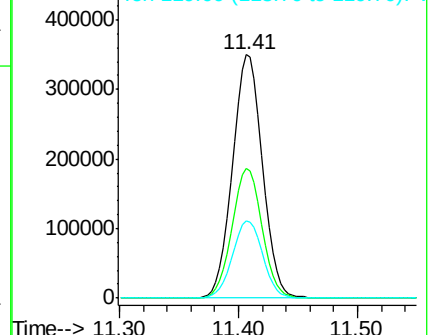
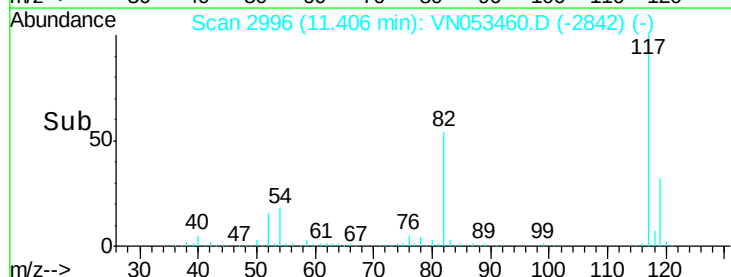
119 32.3 25.4 38.2

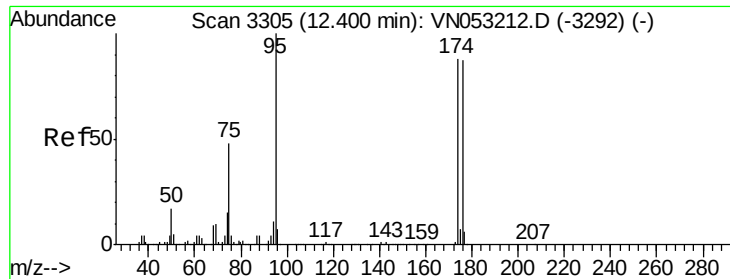


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053460.D

Acq: 18 Jan 2019 9:29

Instrument :

MSVOA_N

ClientSampleId :

VN0118WBL01

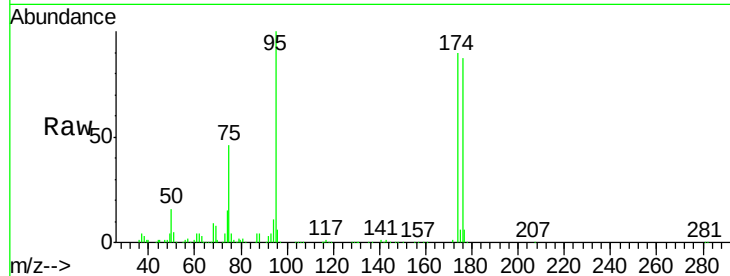
Tot Ion: 95 Resp: 258281

Ion Ratio Lower Upper

95 100

174 93.0 67.9 101.9

176 89.6 66.4 99.6

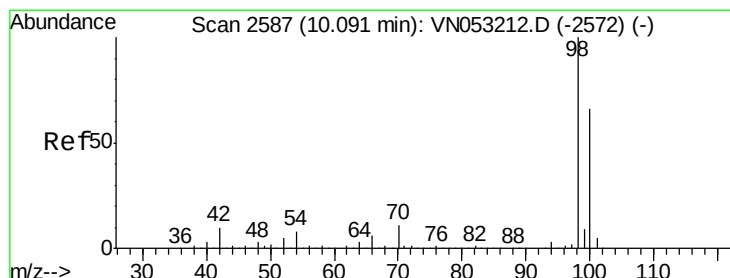
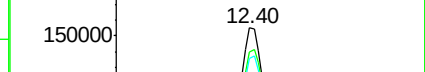
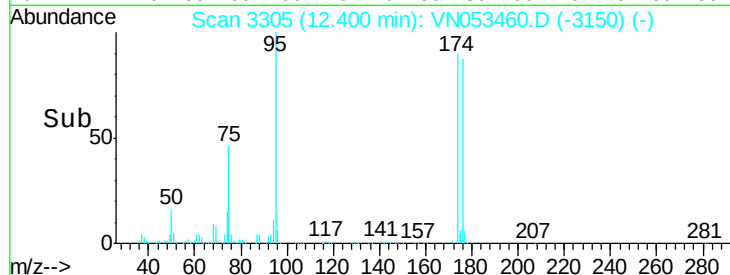


Abundance Ion 95.00 (94.70 to 95.70): VN053212.D (-3292) (-)

Ion 174.00 (173.70 to 174.70): VN053212.D (-3292) (-)

Ion 176.00 (175.70 to 176.70): VN053212.D (-3292) (-)

Time-->



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053460.D

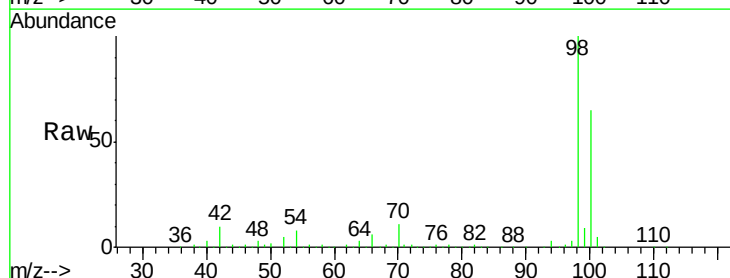
Acq: 18 Jan 2019 9:29

Tgt Ion: 98 Resp: 810740

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN053212.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN053212.D (-2572) (-)

Time-->

