

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090319\
 Data File : VN057670.D
 Acq On : 3 Sep 2019 18:35
 Operator : JC/SP
 Sample : K4651-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20190830

Quant Time: Sep 04 03:10:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	58248	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	356118	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	279315	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	191562	30.94	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.13%
60) 4-Bromofluorobenzene	12.40	95	106564	22.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	74.43%
63) Toluene-d8	10.09	98	435358	32.37	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	107.90%

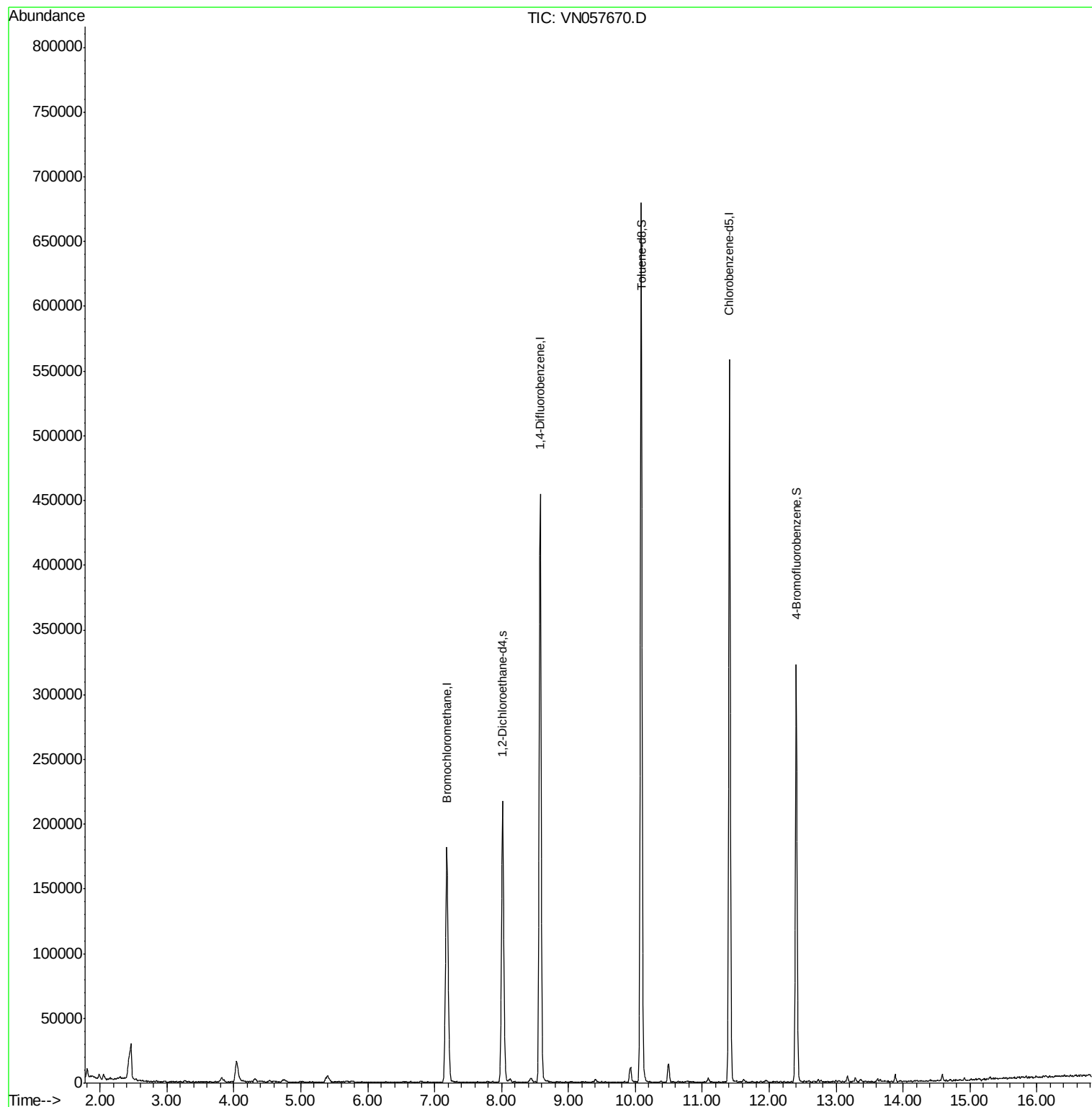
Target Compounds	Ovalue

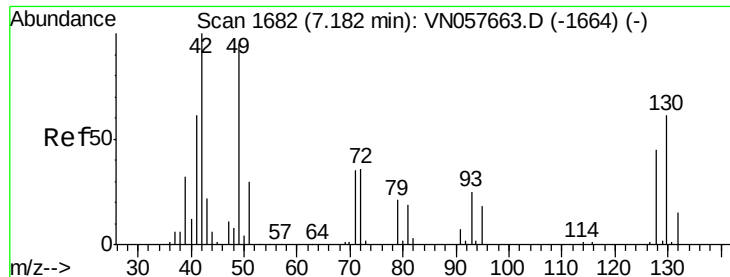
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN057670.D

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MSVOA_N

ClientSampleId :

TT-TB-20190830

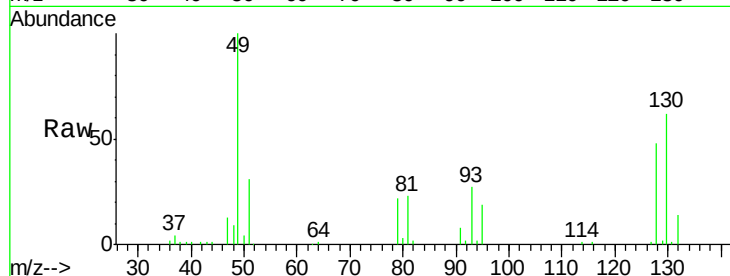
Tot Ion:128 Resp: 58248

Ion Ratio Lower Upper

128 100

49 211.7 0.0 544.5

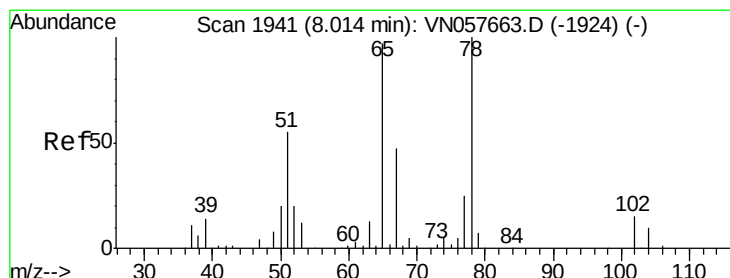
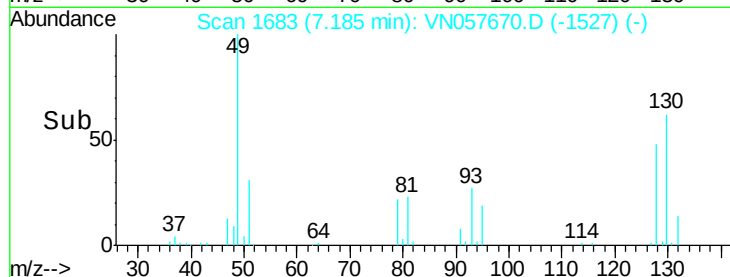
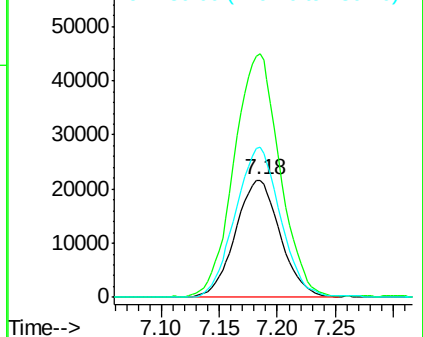
130 128.7 0.0 324.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 30.937 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057670.D

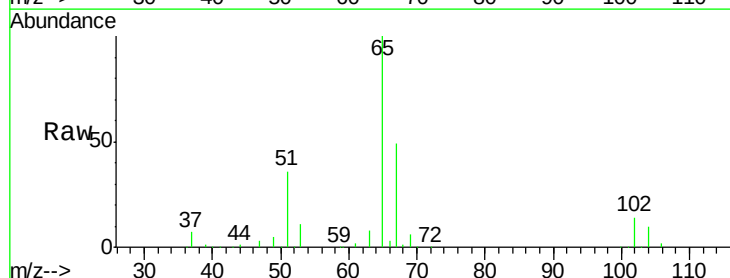
Acq: 3 Sep 2019 18:35

Tgt Ion: 65 Resp: 191562

Ion Ratio Lower Upper

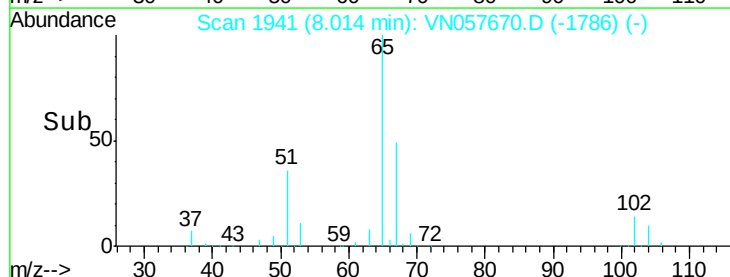
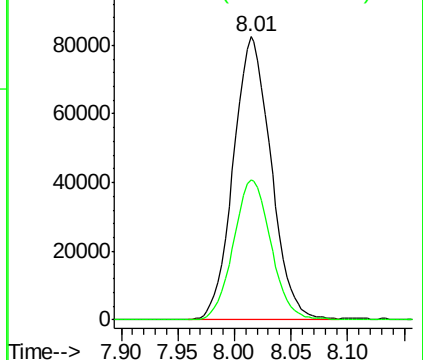
65 100

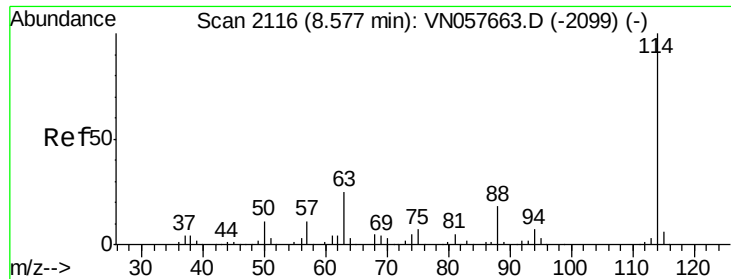
67 49.2 38.6 57.8



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

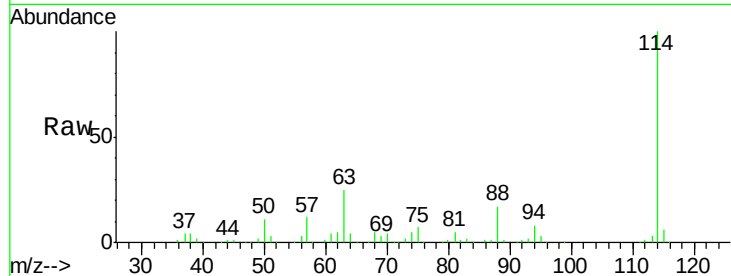




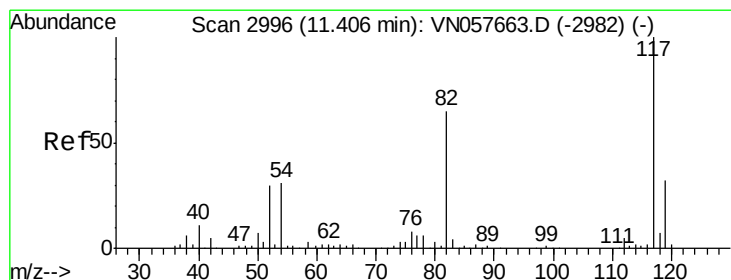
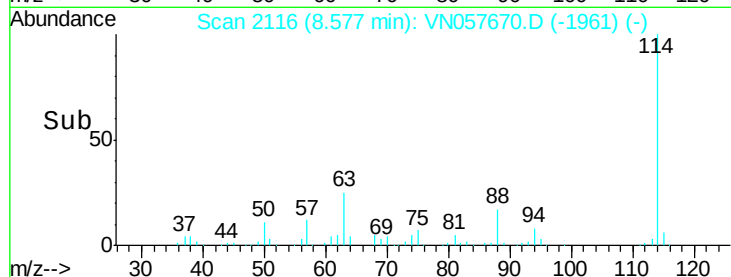
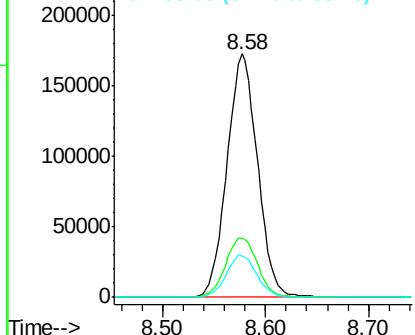
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057670.D
 Acq: 3 Sep 2019 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20190830

Tot Ion:114 Resp: 356118
 Ion Ratio Lower Upper
 114 100
 63 25.5 20.6 30.8
 88 17.4 14.3 21.5

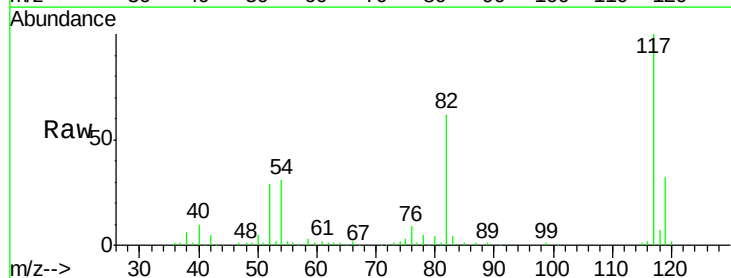


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 88.00 (87.70 to 88.70): V

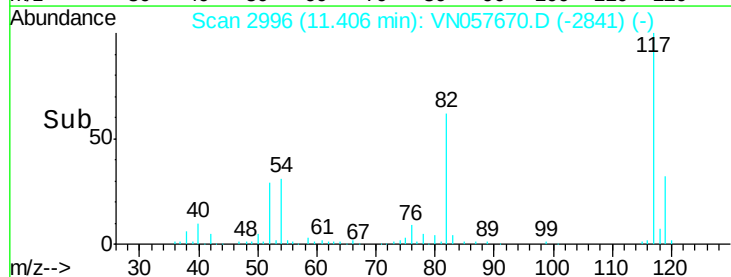
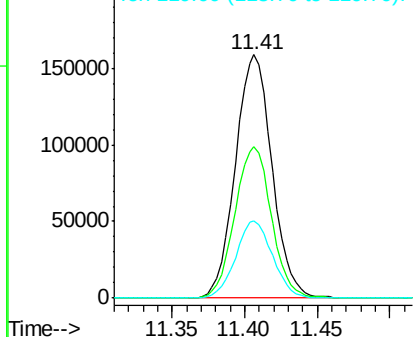


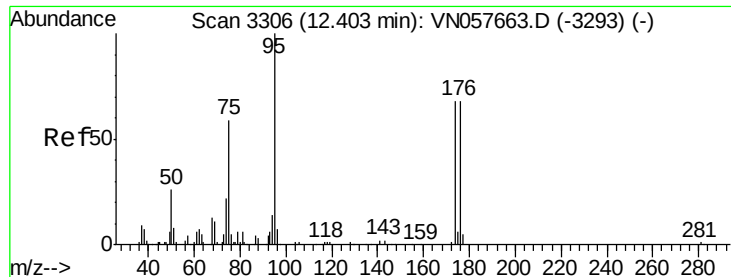
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN057670.D
 Acq: 3 Sep 2019 18:35

Tgt Ion:117 Resp: 279315
 Ion Ratio Lower Upper
 117 100
 82 62.0 51.2 76.8
 119 31.7 25.8 38.6



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: 22.331 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN057670.D

Acq: 3 Sep 2019 18:35

Instrument :

MSVOA_N

ClientSampled :

TT-TB-20190830

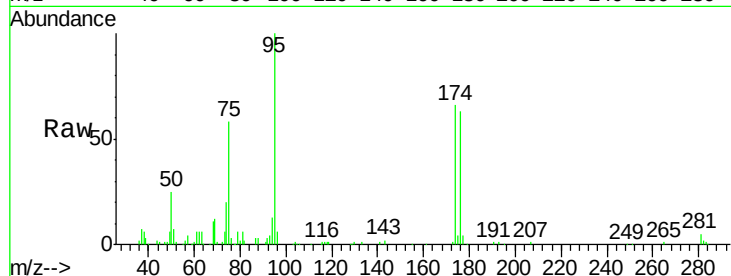
Tot Ion: 95 Resp: 106564

Ion Ratio Lower Upper

95 100

174 68.6 55.0 82.6

176 65.0 53.7 80.5

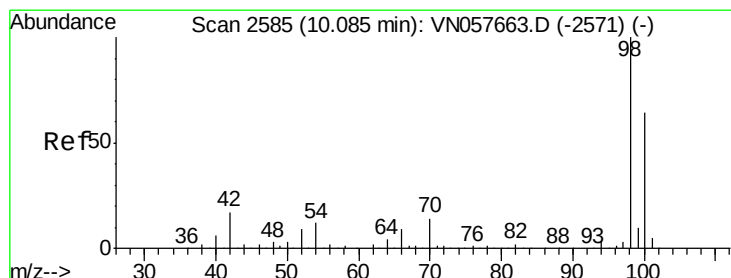
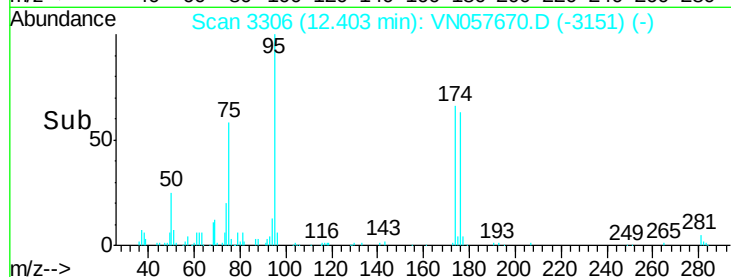


Abundance Ion 95.00 (94.70 to 95.70): VN057663.D (-3293) (-)

Ion 174.00 (173.70 to 174.70): VN057663.D (-3293) (-)

Ion 176.00 (175.70 to 176.70): VN057663.D (-3293) (-)

Time-->



#63

Toluene-d8

Concen: 32.369 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057670.D

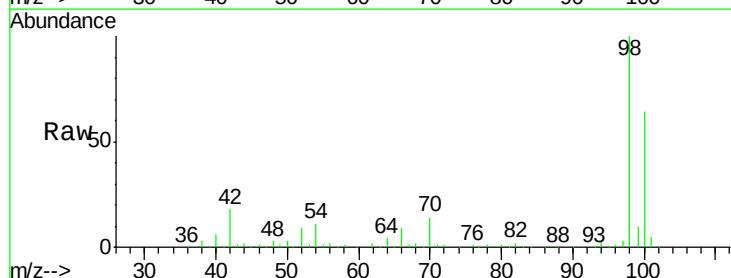
Acq: 3 Sep 2019 18:35

Tgt Ion: 98 Resp: 435358

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN057663.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN057663.D (-2571) (-)

Time-->

