

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082719\
 Data File : VN057543.D
 Acq On : 27 Aug 2019 9:53
 Operator : JC/SP
 Sample : VN0827WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBL01

Quant Time: Aug 27 10:16:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 23 23:15:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	59219	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	347768	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	260903	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	183667	32.17	ug/l	0.00
Spiked Amount 30.000	Range 50 - 169		Recovery	=	107.23%	
60) 4-Bromofluorobenzene	12.41	95	87051	20.23	ug/l	0.00
Spiked Amount 30.000	Range 56 - 143		Recovery	=	67.43%	
63) Toluene-d8	10.08	98	430469	32.67	ug/l	0.00
Spiked Amount 30.000	Range 66 - 137		Recovery	=	108.90%	

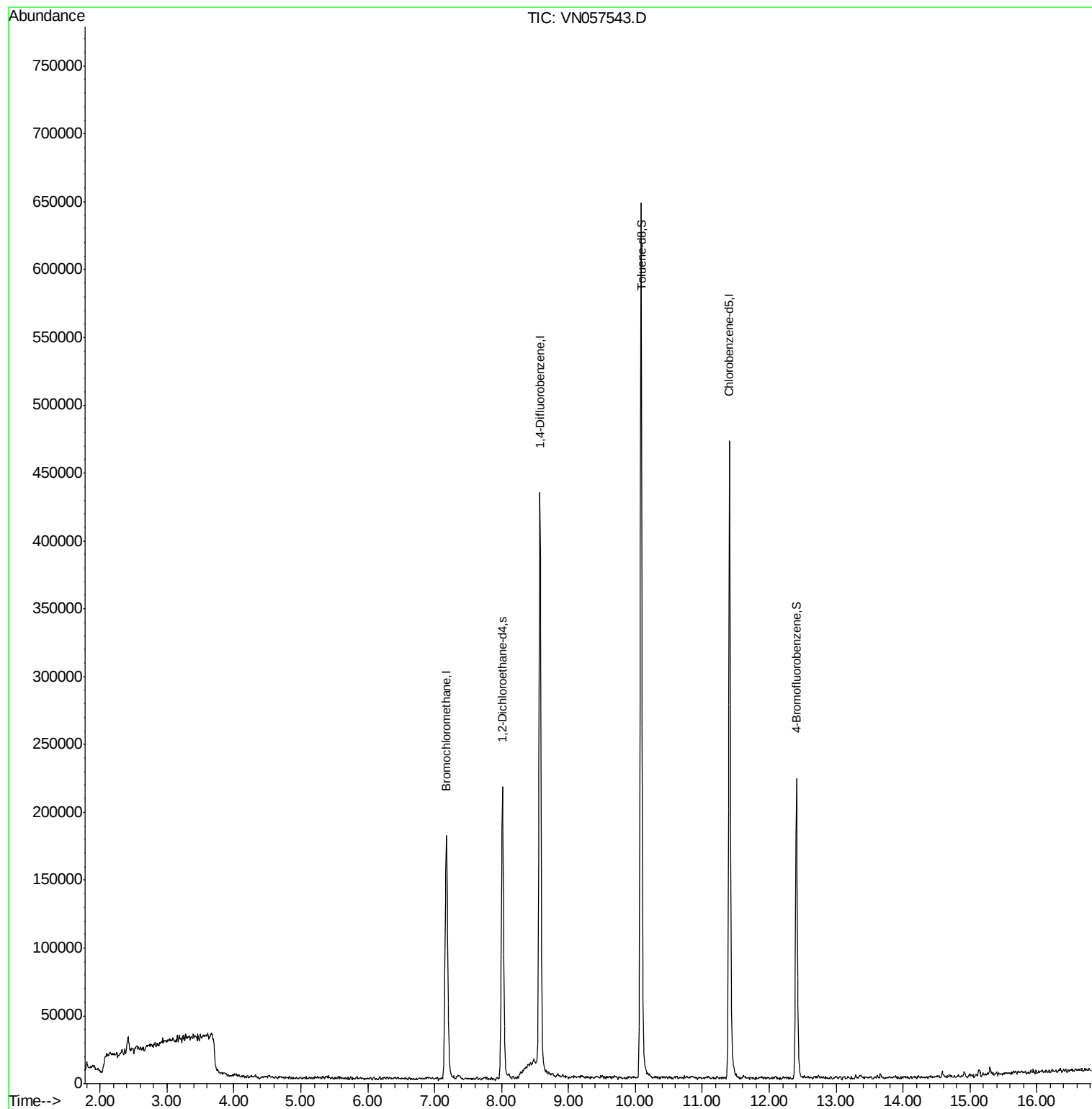
Target Compounds	Ovalue

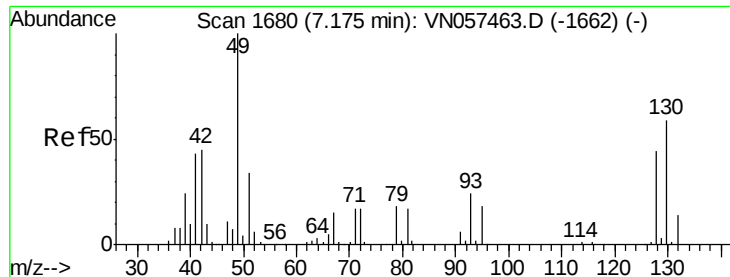
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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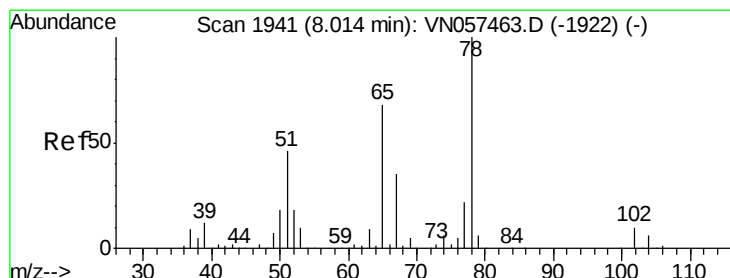
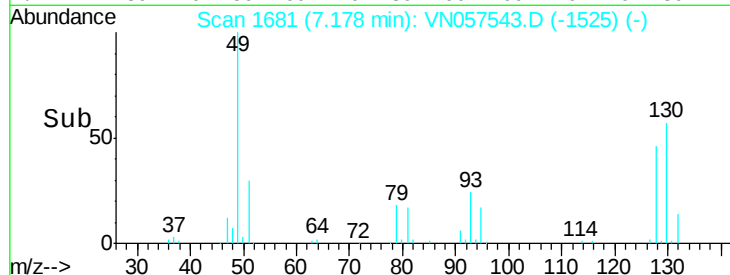
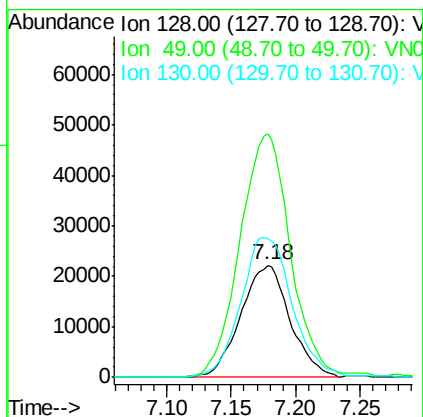
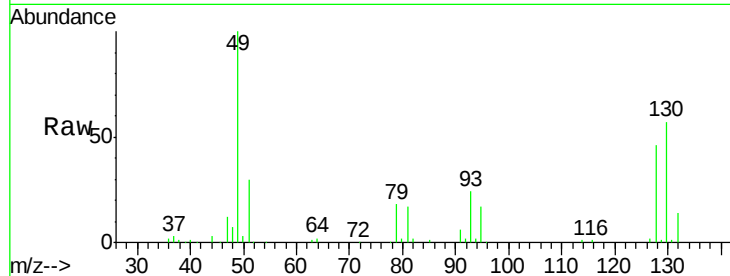




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.18 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VN057543.D
 Acq: 27 Aug 2019 9:53

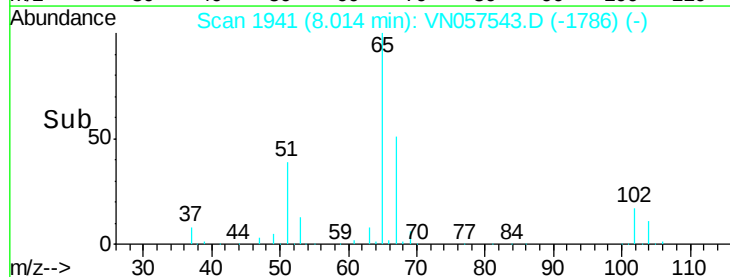
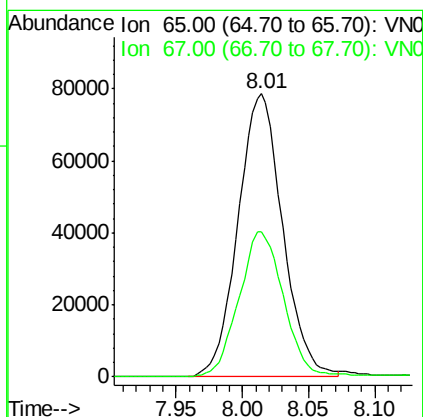
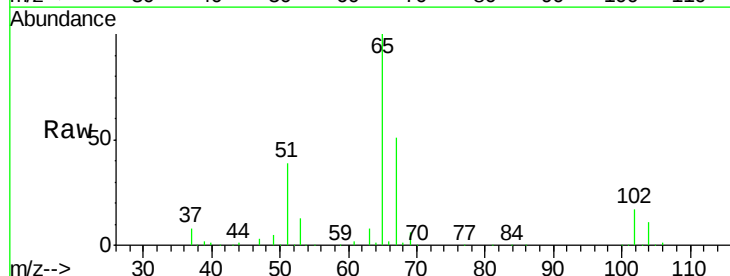
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBL01

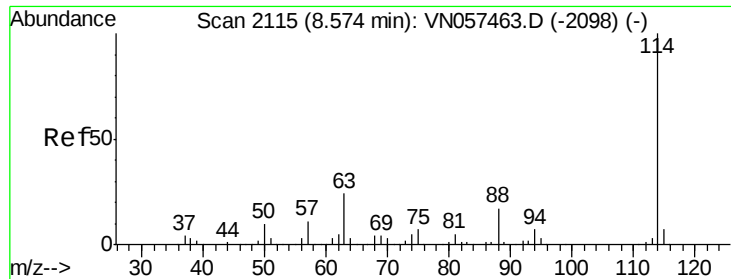
Tot Ion:128 Resp: 59219
 Ion Ratio Lower Upper
 128 100
 49 221.2 0.0 560.5
 130 130.1 0.0 317.3



#27
 1,2-Dichloroethane-d4
 Concen: 32.171 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. -0.00 min
 Lab File: VN057543.D
 Acq: 27 Aug 2019 9:53

Tgt Ion: 65 Resp: 183667
 Ion Ratio Lower Upper
 65 100
 67 51.5 40.2 60.4

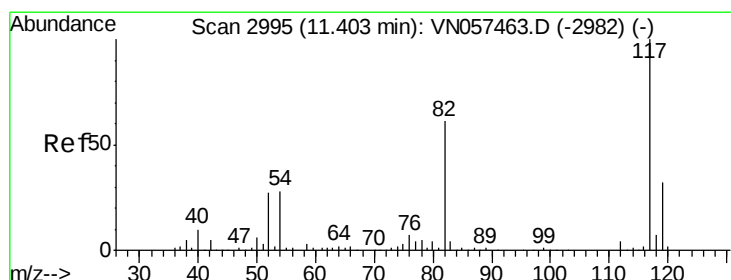
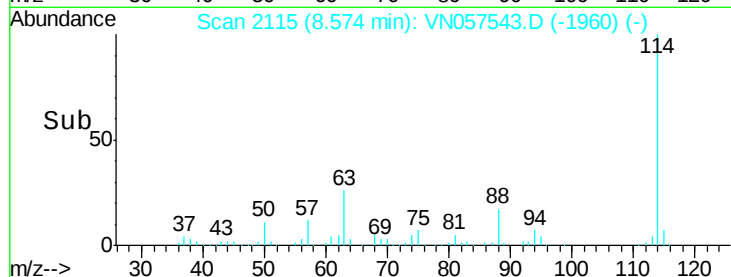
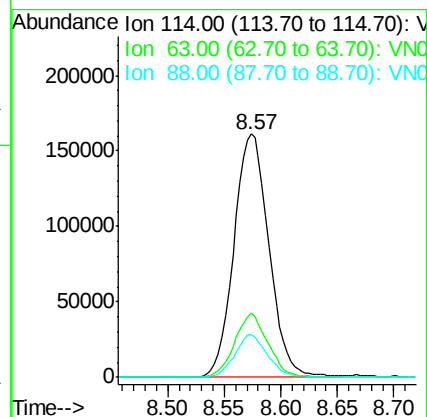
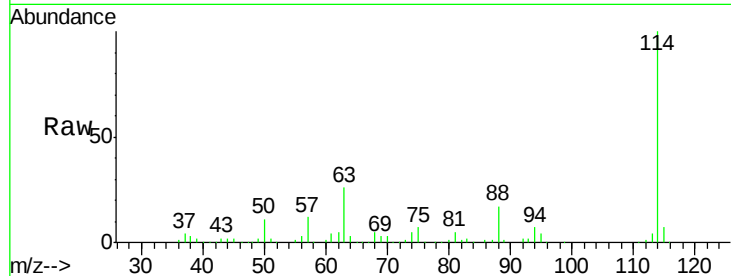




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057543.D
 Acq: 27 Aug 2019 9:53

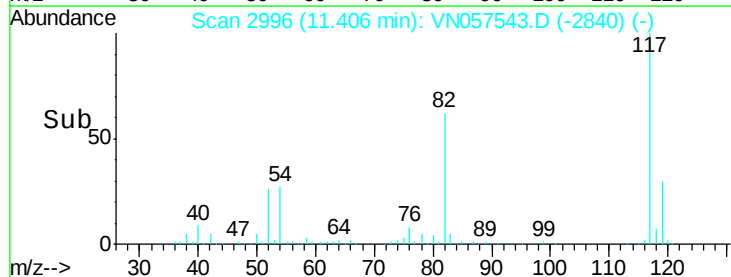
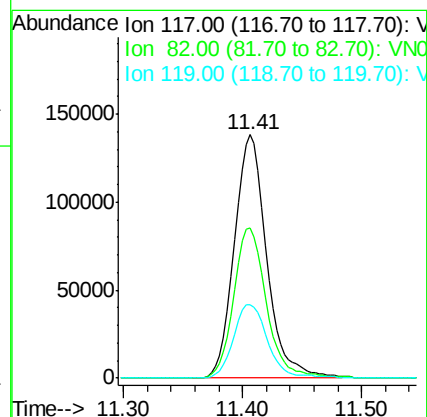
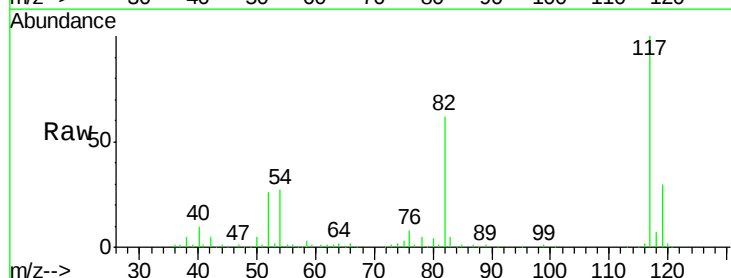
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0827WBL01

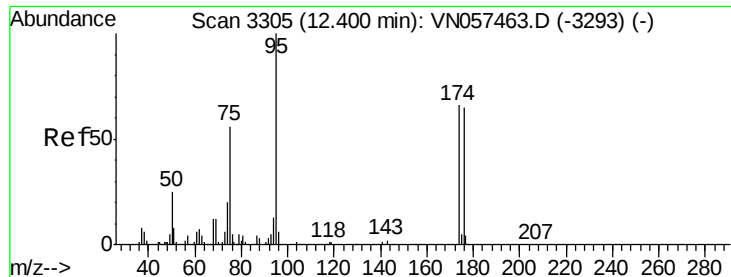
Tot Ion:114 Resp: 347768
 Ion Ratio Lower Upper
 114 100
 63 25.0 19.6 29.4
 88 16.3 13.1 19.7



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN057543.D
 Acq: 27 Aug 2019 9:53

Tgt Ion:117 Resp: 260903
 Ion Ratio Lower Upper
 117 100
 82 62.7 50.4 75.6
 119 32.1 25.4 38.2





#60

4-Bromofluorobenzene

Concen: 20.233 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.01 min

Lab File: VN057543.D

Acq: 27 Aug 2019 9:53

Instrument :

MSVOA_N

ClientSampleId :

VN0827WBL01

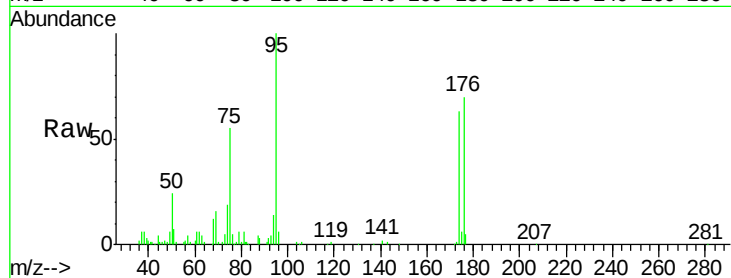
Tot Ion: 95 Resp: 87051

Ion Ratio Lower Upper

95 100

174 67.0 54.9 82.3

176 65.8 54.2 81.4



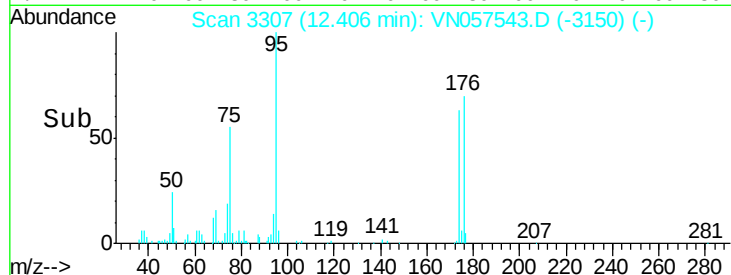
Abundance Ion 95.00 (94.70 to 95.70): VN057463.D (-3293) (-)

Ion 174.00 (173.70 to 174.70): VN057463.D (-3293) (-)

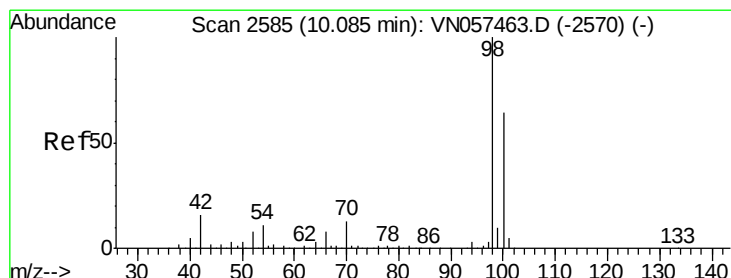
Ion 176.00 (175.70 to 176.70): VN057463.D (-3293) (-)

12.41

Time-->



Time-->



#63

Toluene-d8

Concen: 32.672 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057543.D

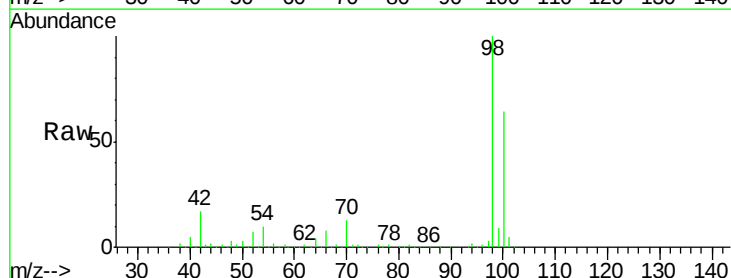
Acq: 27 Aug 2019 9:53

Tgt Ion: 98 Resp: 430469

Ion Ratio Lower Upper

98 100

100 64.5 51.0 76.6

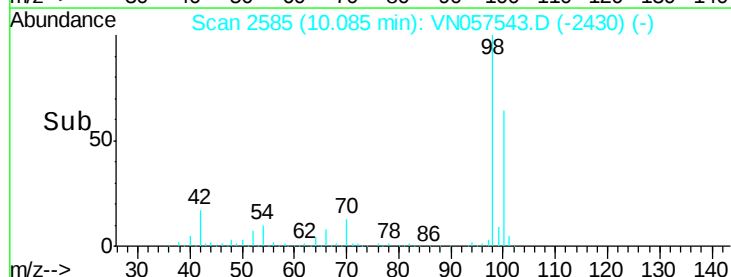


Abundance Ion 98.00 (97.70 to 98.70): VN057463.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN057463.D (-2570) (-)

10.08

Time-->



Time-->