

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110118\
 Data File : VN052096.D
 Acq On : 1 Nov 2018 11:53
 Operator : MD\SY
 Sample : VN1101WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBL01

Quant Time: Nov 02 05:49:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	59917	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	353595	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	298750	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	139506	31.37	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.57%
60) 4-Bromofluorobenzene	12.40	95	128765	26.94	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.80%
63) Toluene-d8	10.09	98	427721	30.45	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.50%

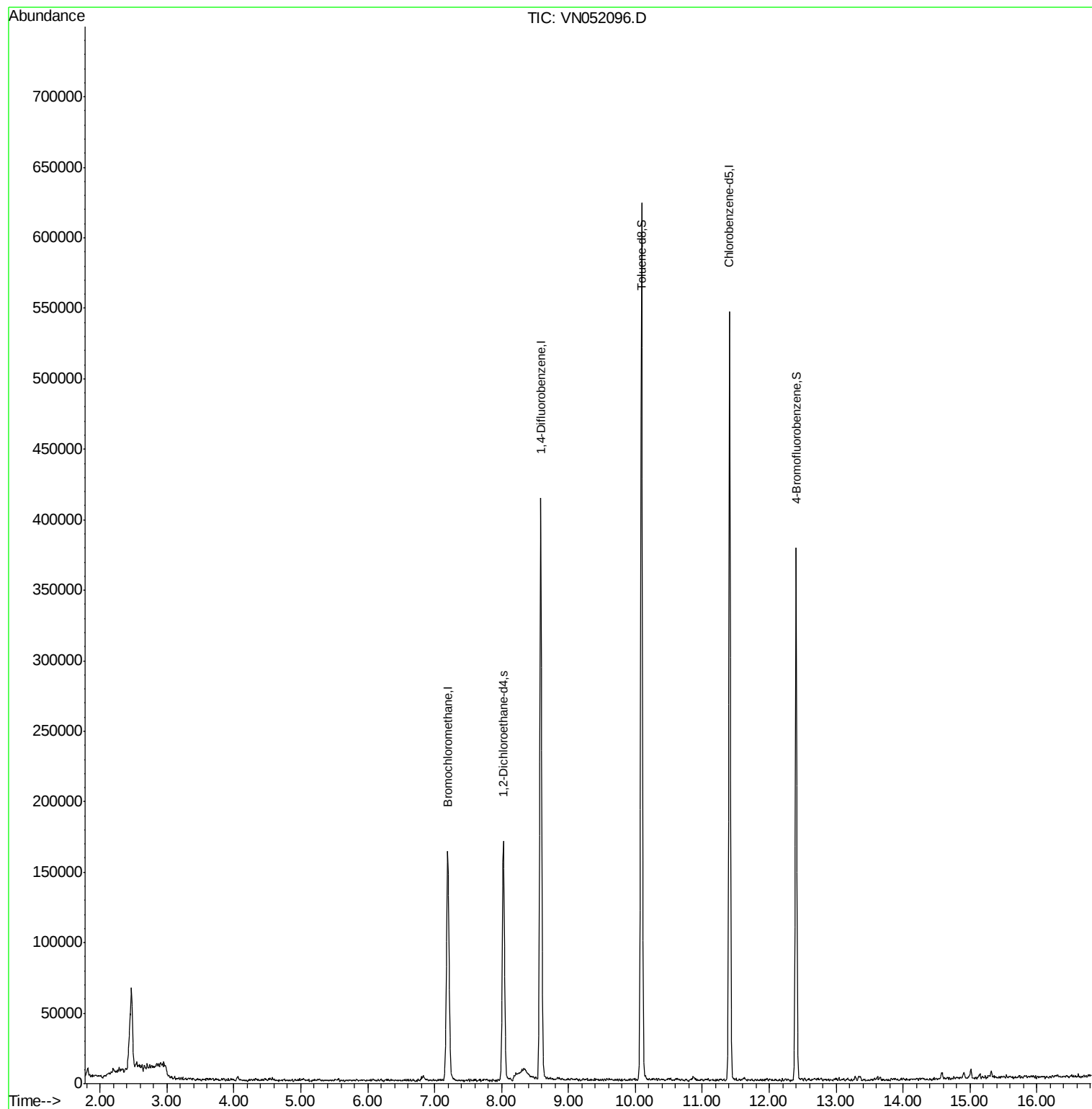
Target Compounds	Qvalue

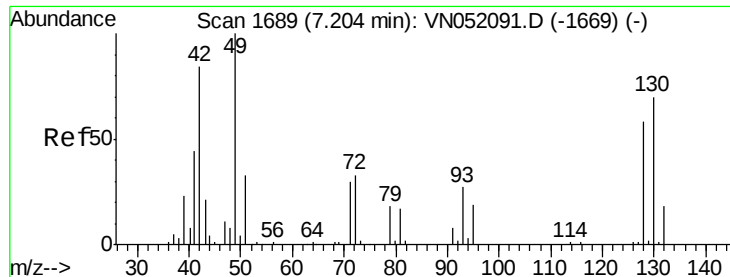
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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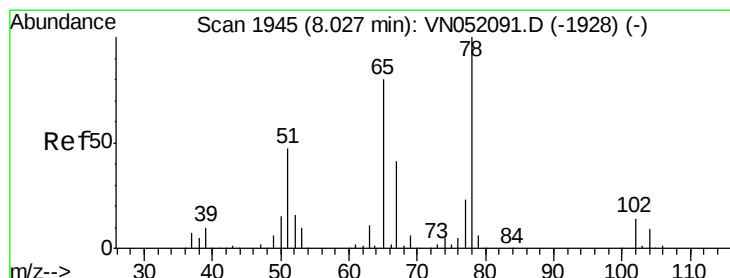
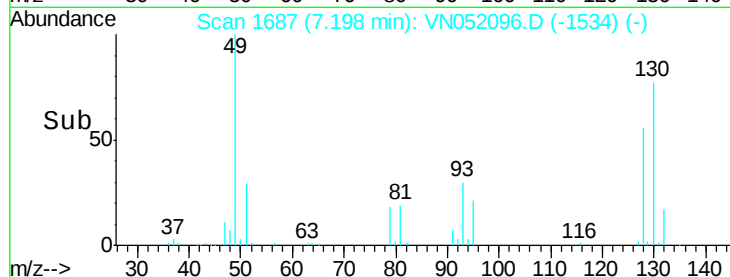
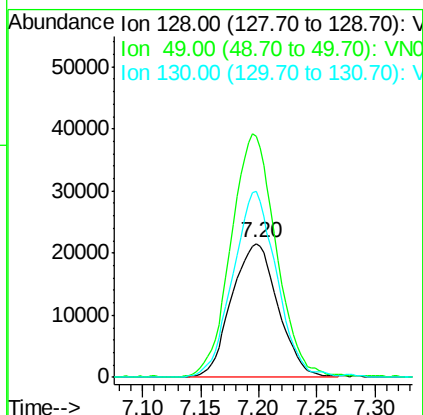
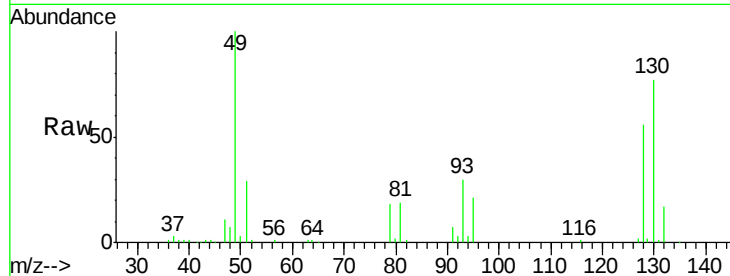




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VN052096.D
Acq: 1 Nov 2018 11:53

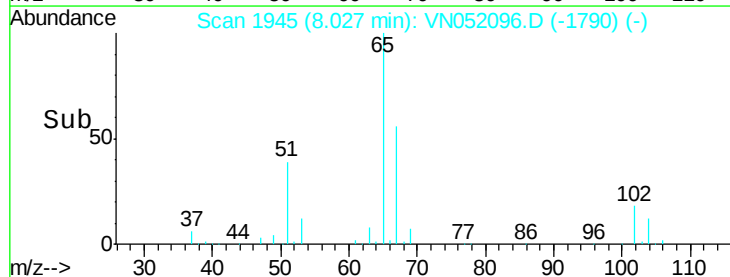
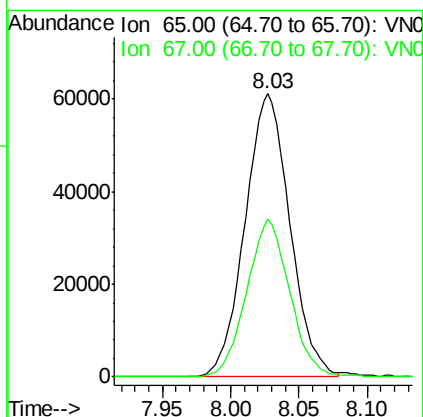
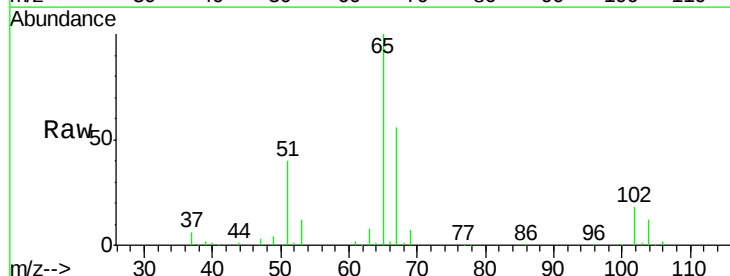
Instrument :
MSVOA_N
ClientSampled :
VN1101WBL01

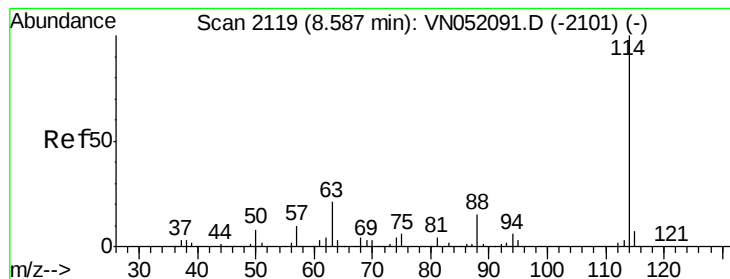
Tgt Ion:128 Resp: 59917
Ion Ratio Lower Upper
128 100
49 176.3 0.0 453.7
130 130.1 0.0 308.8



#27
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052096.D
Acq: 1 Nov 2018 11:53

Tgt Ion: 65 Resp: 139506
Ion Ratio Lower Upper
65 100
67 53.2 42.6 64.0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052096.D

Acq: 1 Nov 2018 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN1101WBL01

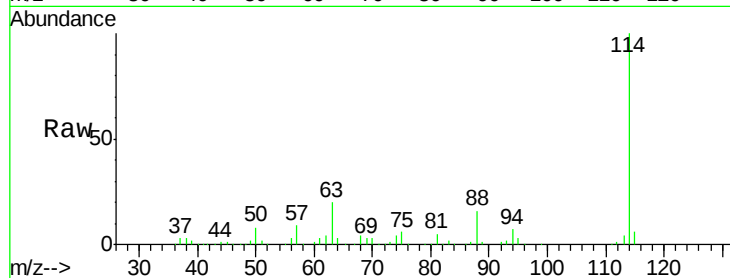
Tgt Ion:114 Resp: 353595

Ion Ratio Lower Upper

114 100

63 20.8 17.5 26.3

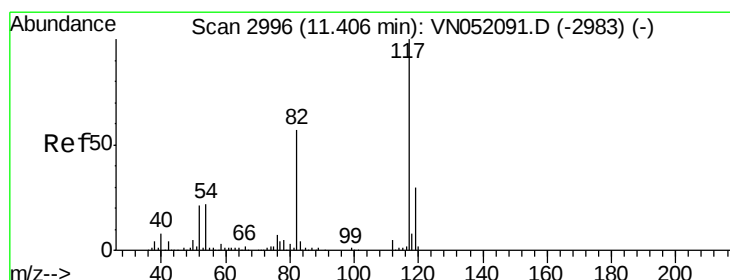
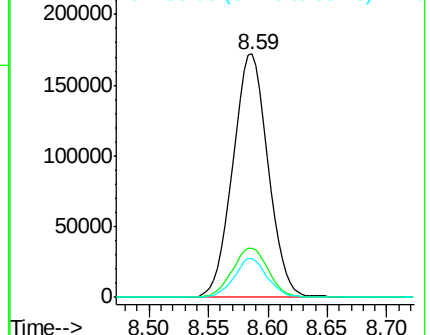
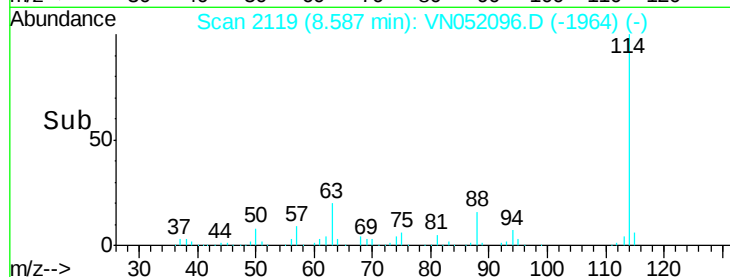
88 15.0 12.6 18.8



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: VN052096.D

Acq: 1 Nov 2018 11:53

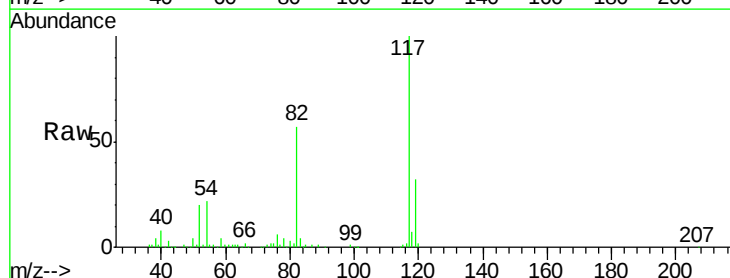
Tgt Ion:117 Resp: 298750

Ion Ratio Lower Upper

117 100

82 55.9 45.0 67.6

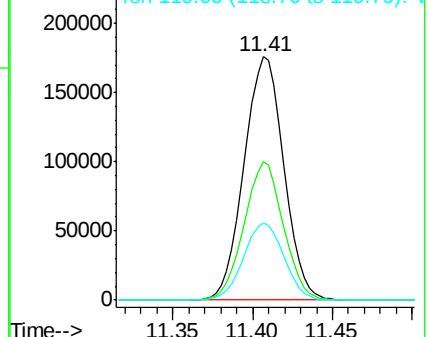
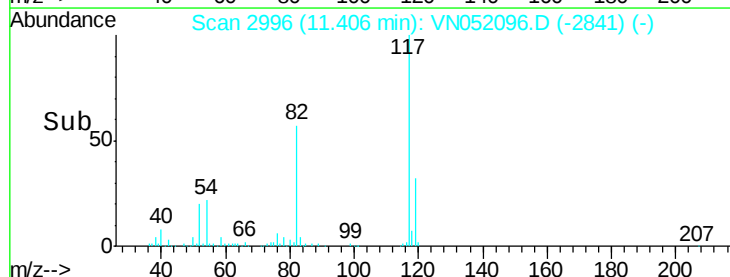
119 32.0 24.2 36.4

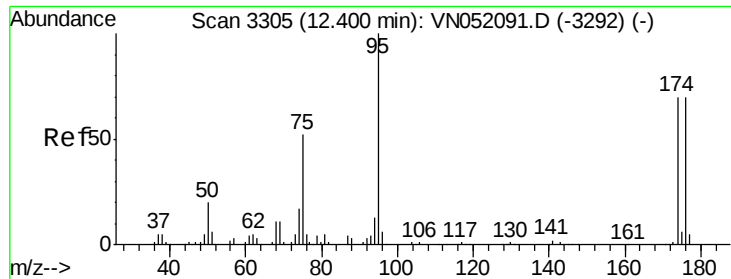


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V

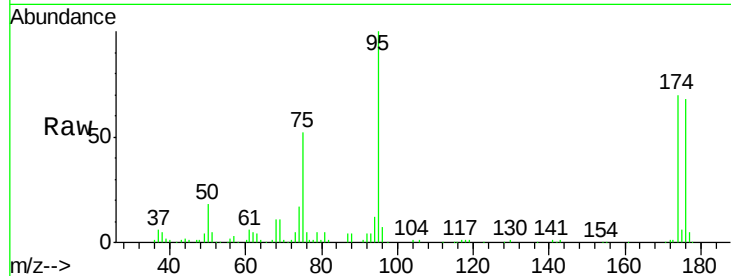




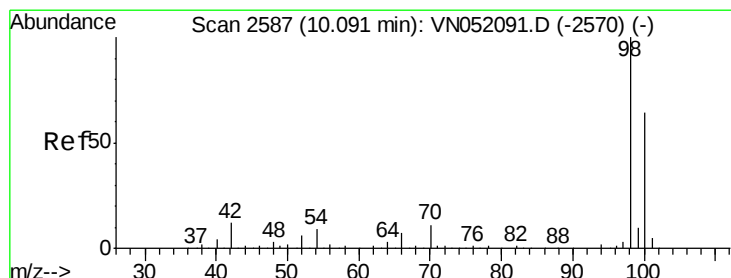
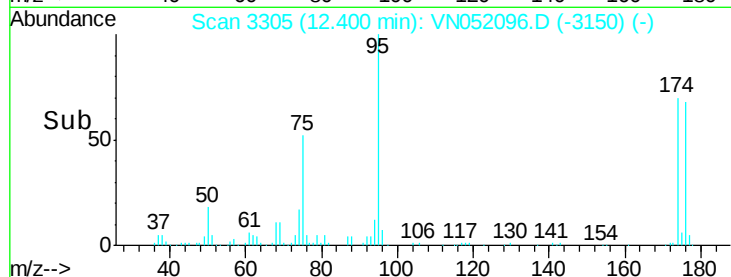
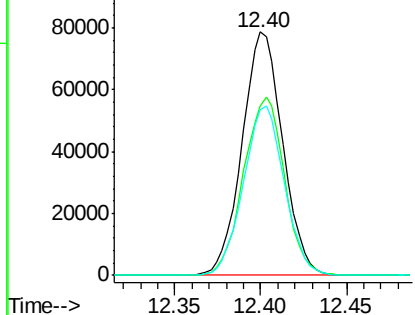
#60
 4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052096.D
 Acq: 1 Nov 2018 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1101WBL01

Tgt Ion: 95 Resp: 128765
 Ion Ratio Lower Upper
 95 100
 174 74.0 55.0 82.6
 176 70.1 54.2 81.4

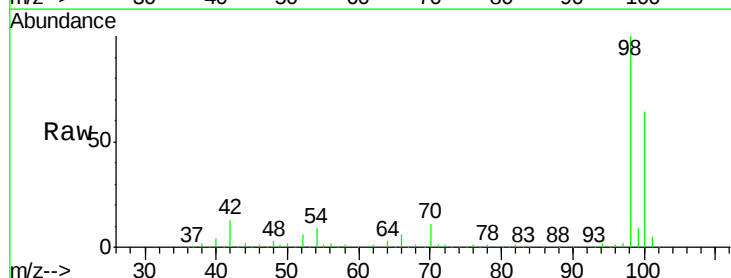


Abundance Ion 95.00 (94.70 to 95.70): VN0
 Ion 174.00 (173.70 to 174.70): V
 Ion 176.00 (175.70 to 176.70): V



#63
 Toluene-d8
 Concen: Below ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN052096.D
 Acq: 1 Nov 2018 11:53

Tgt Ion: 98 Resp: 427721
 Ion Ratio Lower Upper
 98 100
 100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): V

