

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091419\
 Data File : VN058005.D
 Acq On : 13 Sep 2019 10:12
 Operator : JC/SP
 Sample : VN0914WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0914WBL01

Quant Time: Sep 14 01:45:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	73736	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	431220	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	361912	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	205096	31.45	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.83%
60) 4-Bromofluorobenzene	12.40	95	165651	26.75	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.17%
63) Toluene-d8	10.09	98	531128	30.58	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.93%

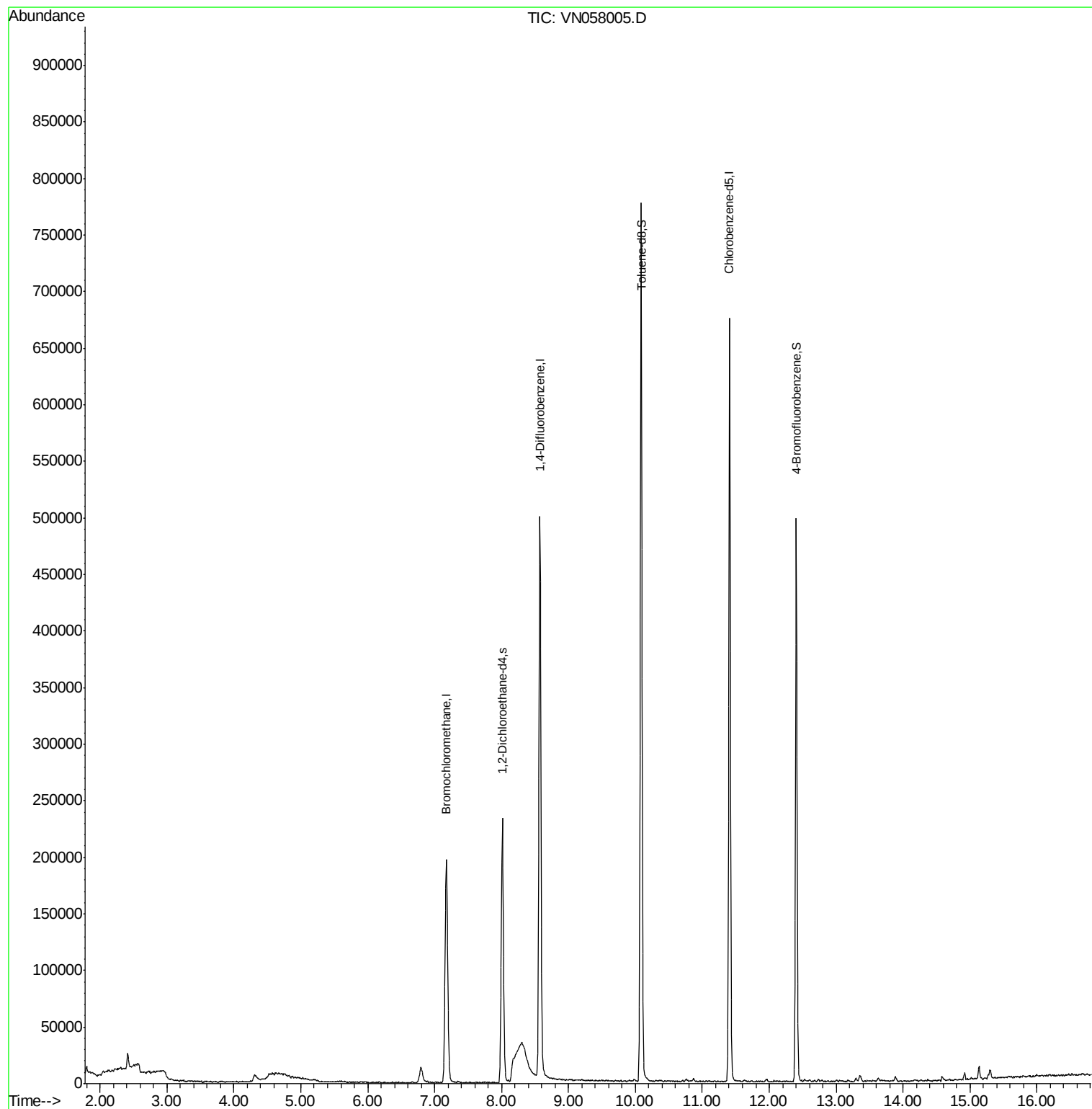
Target Compounds	Ovalue

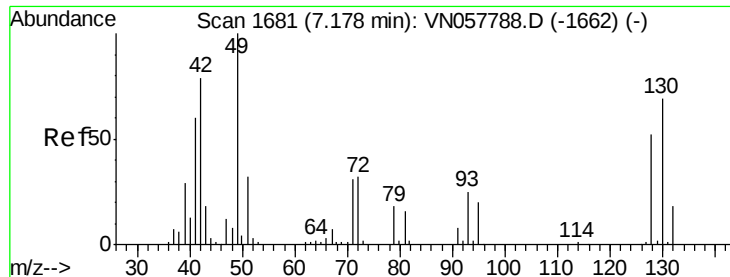
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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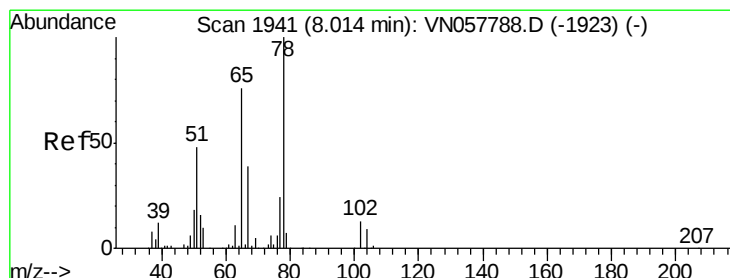
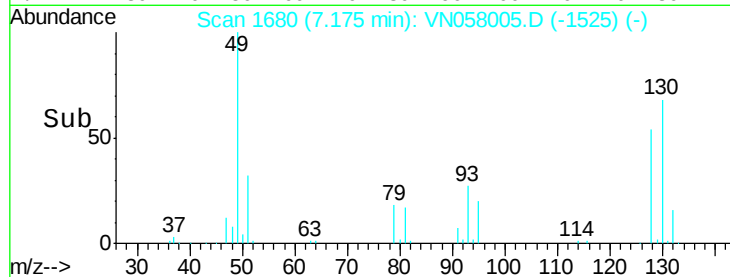
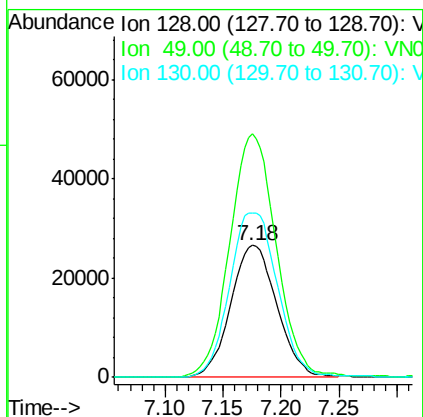
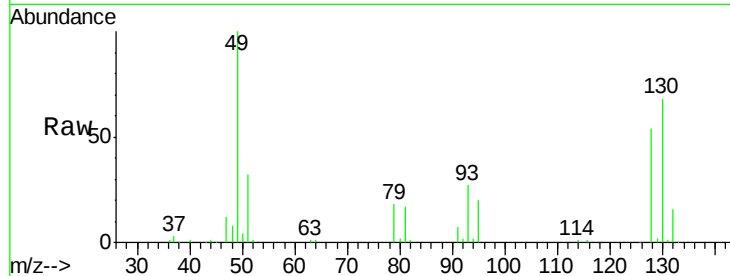




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.18 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VN058005.D
 Acq: 13 Sep 2019 10:12

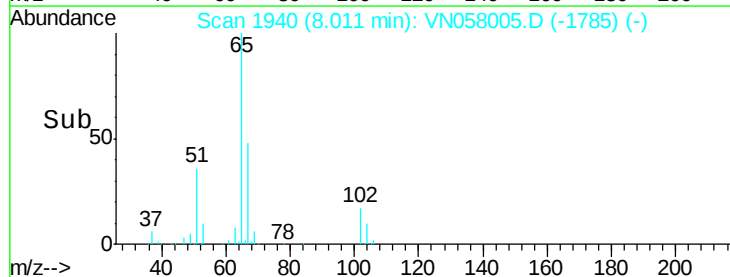
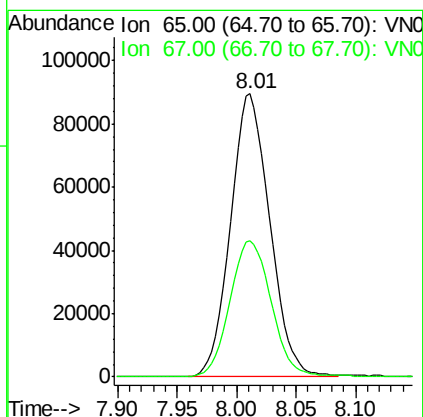
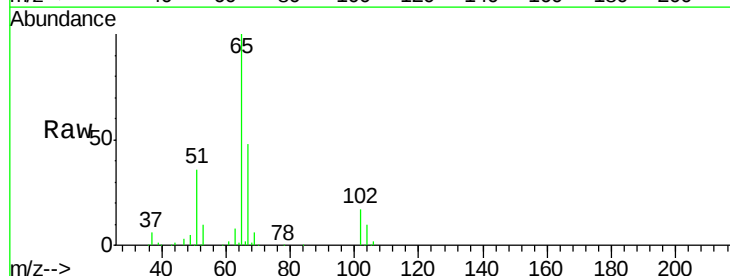
Instrument :
 MSVOA_N
 ClientSampled :
 VN0914WBL01

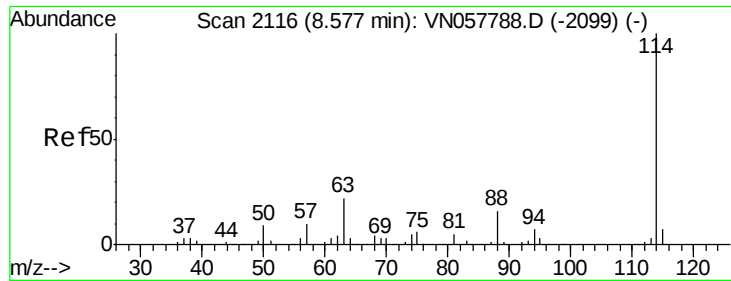
Tot Ion:128 Resp: 73736
 Ion Ratio Lower Upper
 128 100
 49 185.1 0.0 486.5
 130 128.7 0.0 324.5



#27
 1,2-Dichloroethane-d4
 Concen: 31.445 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. -0.00 min
 Lab File: VN058005.D
 Acq: 13 Sep 2019 10:12

Tgt Ion: 65 Resp: 205096
 Ion Ratio Lower Upper
 65 100
 67 50.5 40.9 61.3

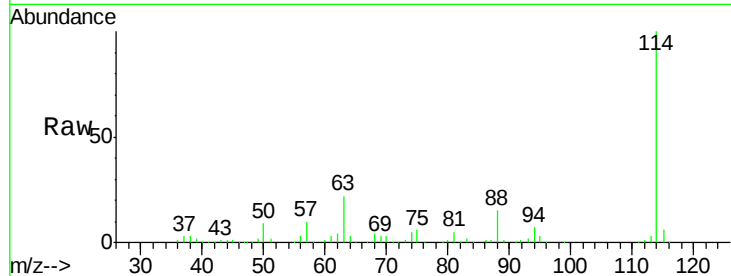




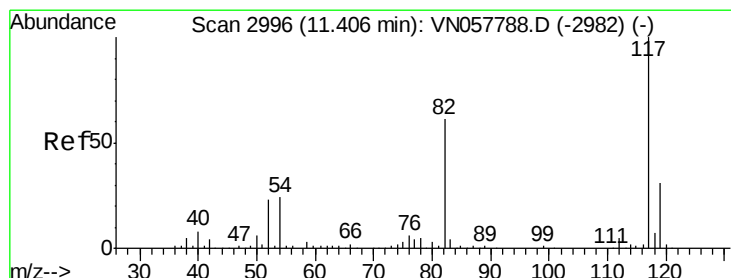
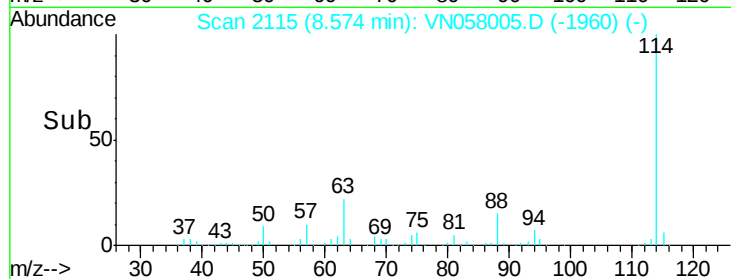
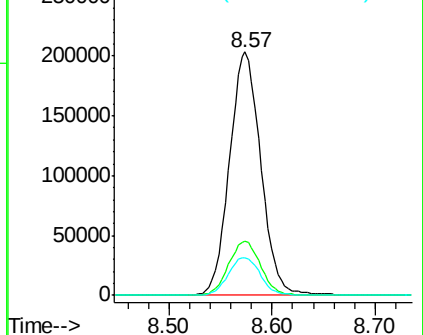
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058005.D
 Acq: 13 Sep 2019 10:12

Instrument :
 MSVOA_N
 ClientSampled :
 VN0914WBL01

Tot Ion:114 Resp: 431220
 Ion Ratio Lower Upper
 114 100
 63 22.8 18.0 27.0
 88 15.9 12.6 19.0

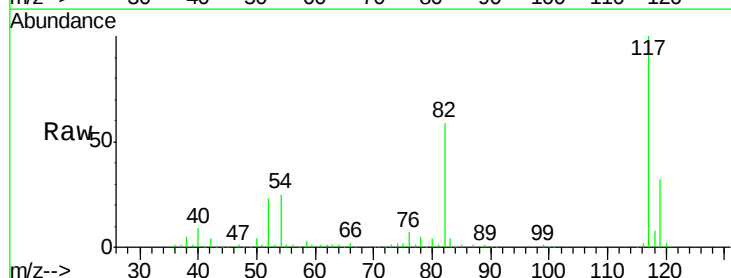


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 88.00 (87.70 to 88.70): V

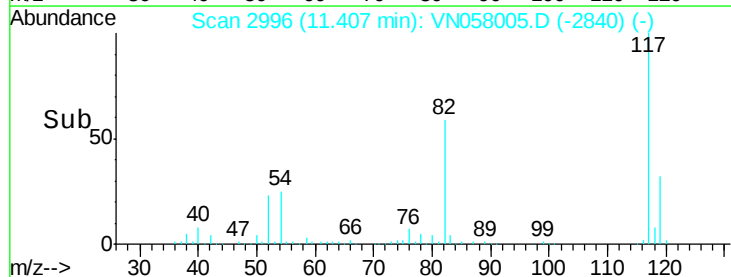
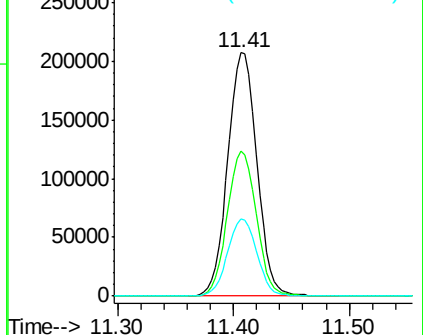


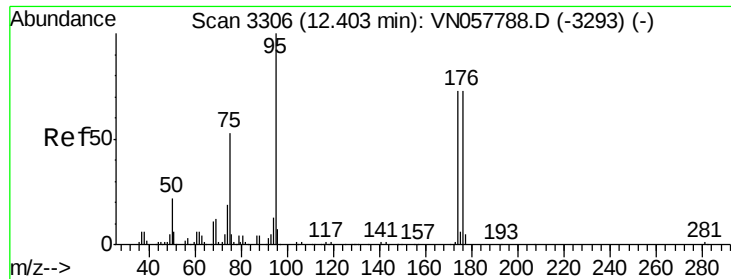
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN058005.D
 Acq: 13 Sep 2019 10:12

Tgt Ion:117 Resp: 361912
 Ion Ratio Lower Upper
 117 100
 82 59.3 47.6 71.4
 119 31.9 25.4 38.2



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: 26.748 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058005.D

Acq: 13 Sep 2019 10:12

Instrument :

MSVOA_N

ClientSampled :

VN0914WBL01

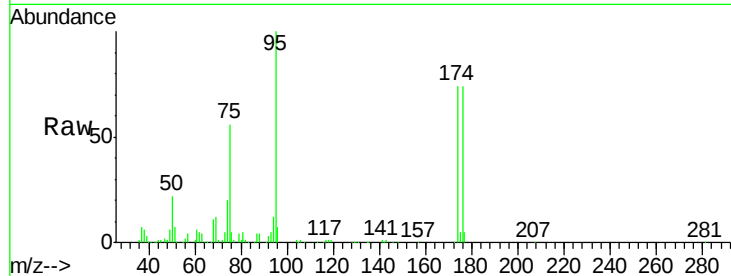
Tot Ion: 95 Resp: 165651

Ion Ratio Lower Upper

95 100

174 75.1 59.4 89.0

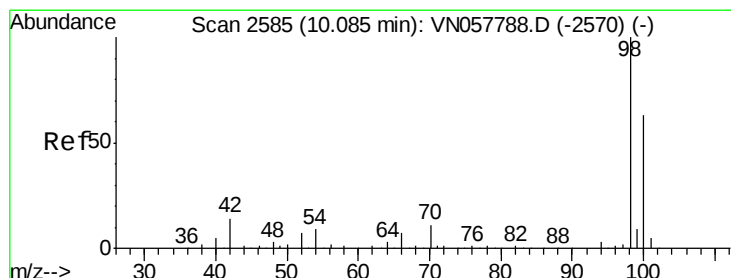
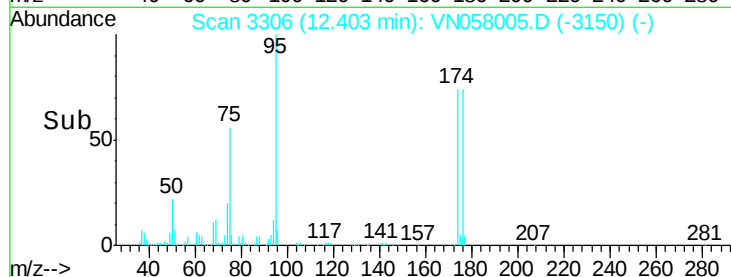
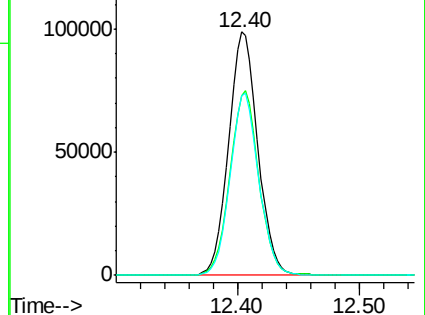
176 73.3 57.4 86.0



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: 30.575 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058005.D

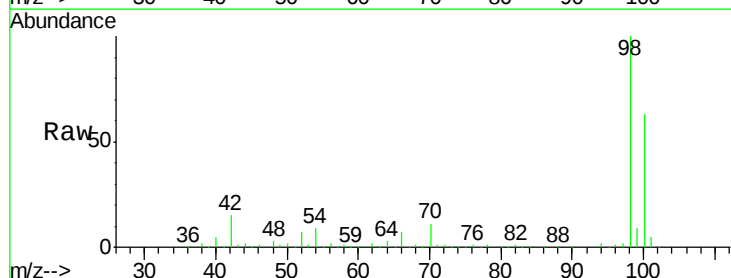
Acq: 13 Sep 2019 10:12

Tgt Ion: 98 Resp: 531128

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): V

