

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041219\
 Data File : VN054992.D
 Acq On : 12 Apr 2019 11:17
 Operator : JC/SP
 Sample : VN0412WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBL01

Quant Time: Apr 12 23:17:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.19	128	70805	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	381319	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	307617	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	164386	30.46	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.53%
60) 4-Bromofluorobenzene	12.40	95	112074	23.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	78.00%
63) Toluene-d8	10.09	98	453798	31.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.43%

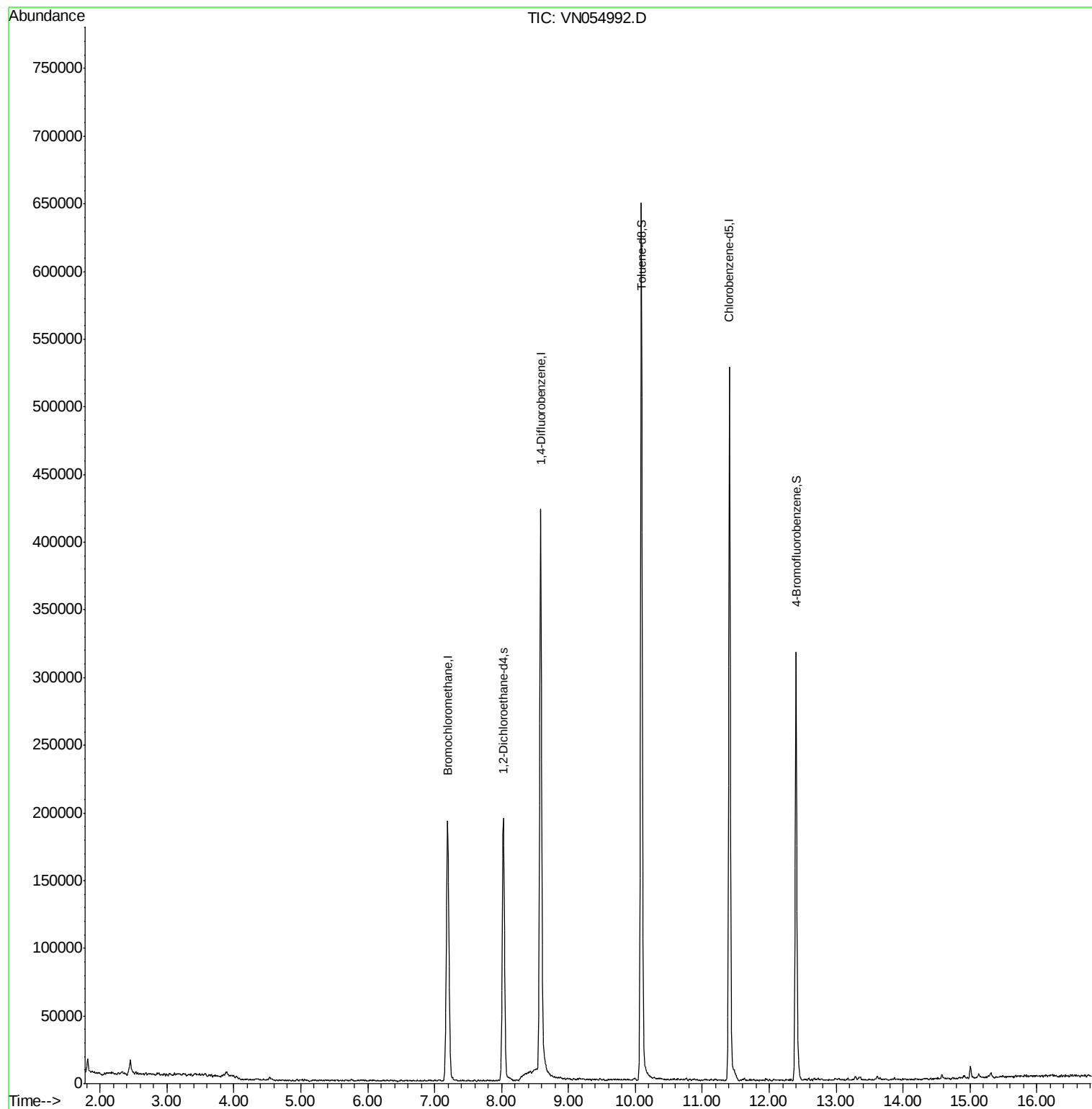
Target Compounds	Ovalue

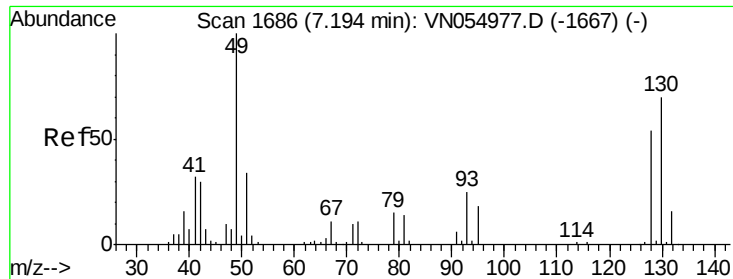
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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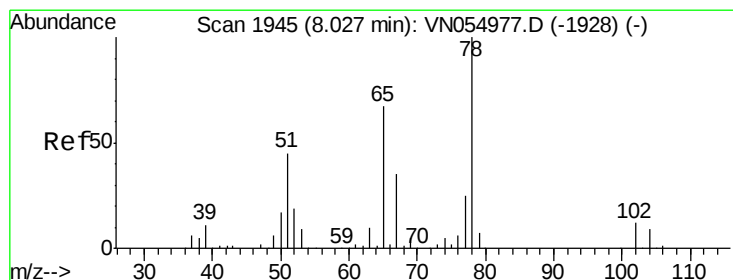
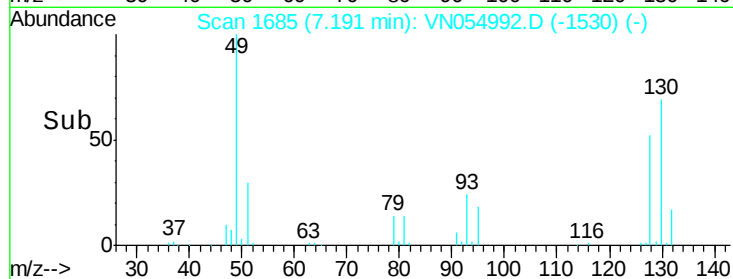
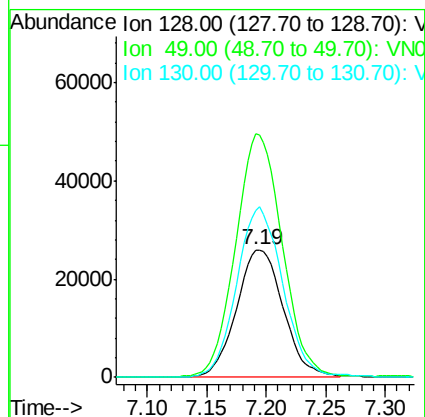
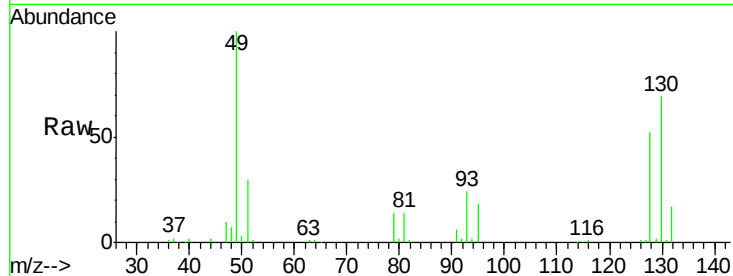




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.19 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: VN054992.D
 Acq: 12 Apr 2019 11:17

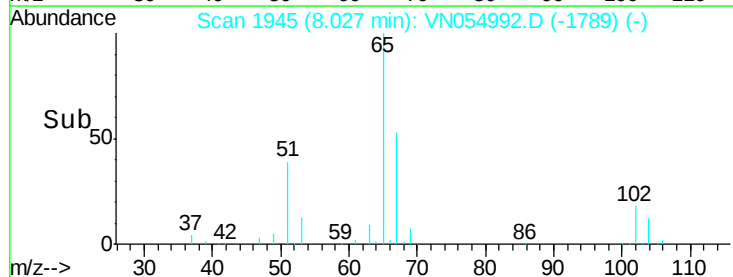
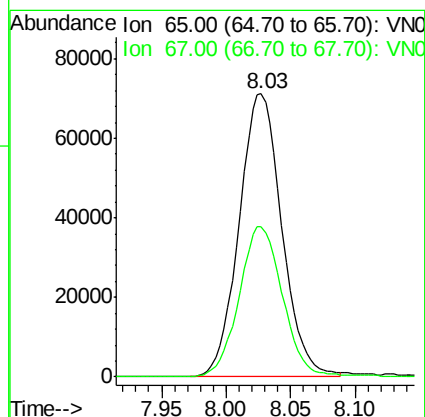
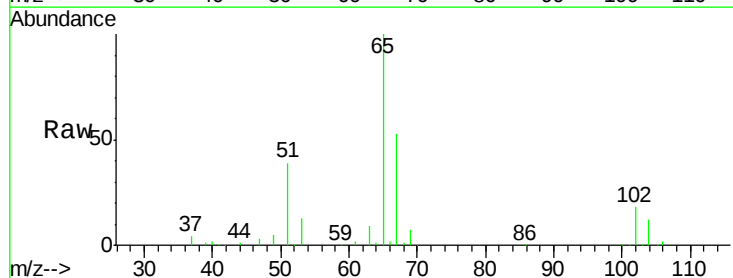
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBL01

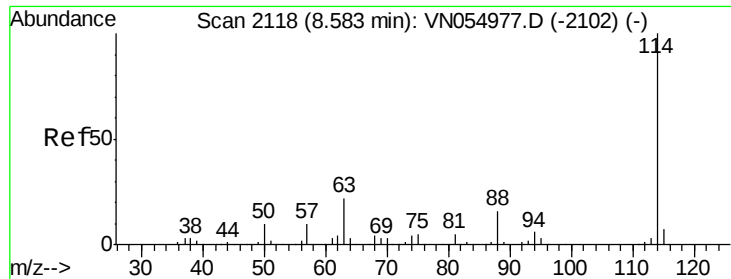
Tot Ion:128 Resp: 70805
 Ion Ratio Lower Upper
 128 100
 49 190.5 0.0 480.3
 130 130.9 0.0 322.2



#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054992.D
 Acq: 12 Apr 2019 11:17

Tgt Ion: 65 Resp: 164386
 Ion Ratio Lower Upper
 65 100
 67 54.0 41.8 62.8

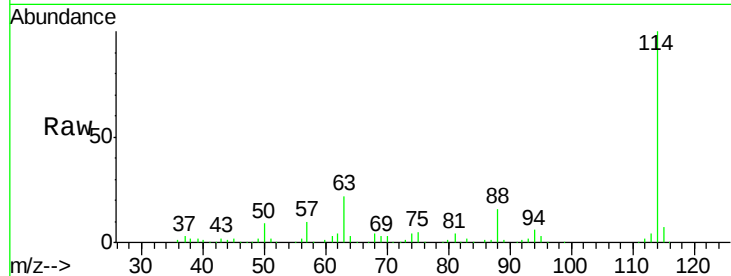




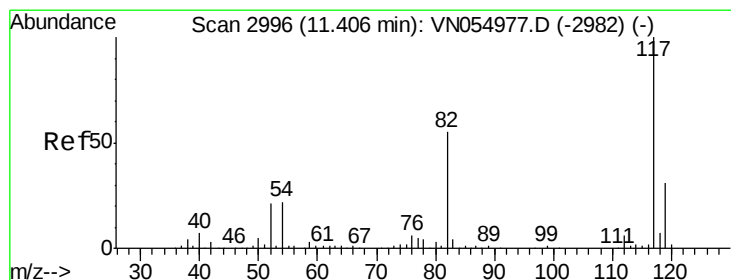
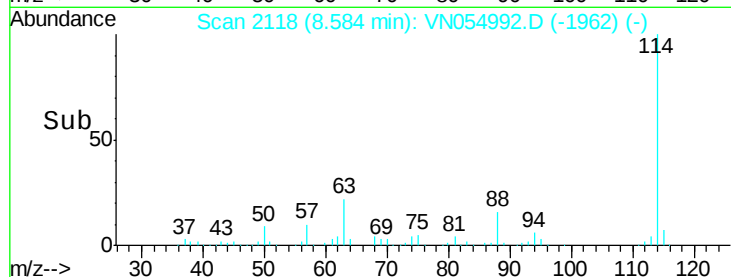
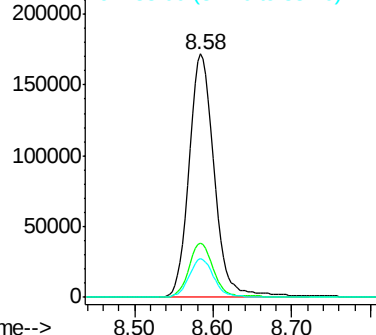
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN054992.D
 Acq: 12 Apr 2019 11:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBL01

Tot Ion:114 Resp: 381319
 Ion Ratio Lower Upper
 114 100
 63 21.9 17.0 25.4
 88 15.4 12.3 18.5

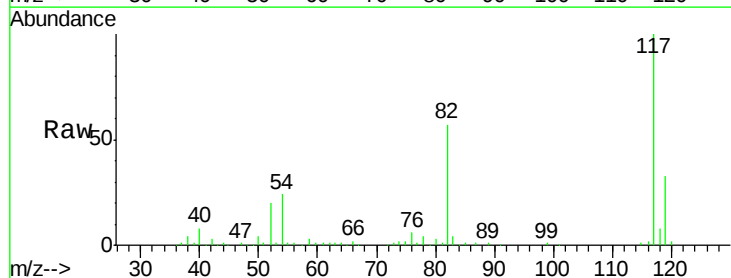


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 88.00 (87.70 to 88.70): VNO

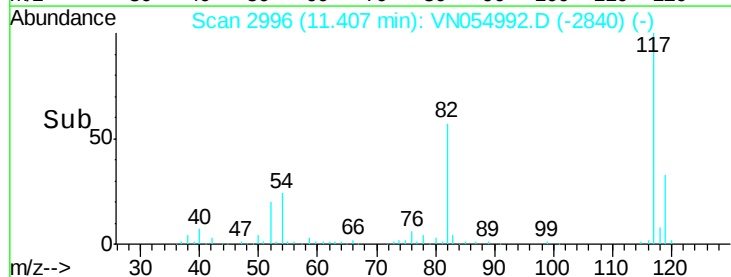
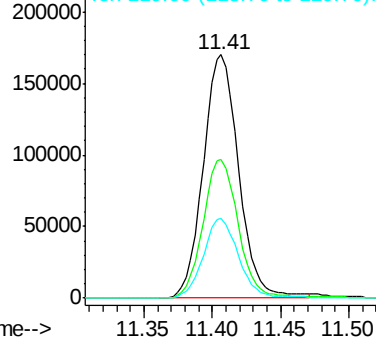


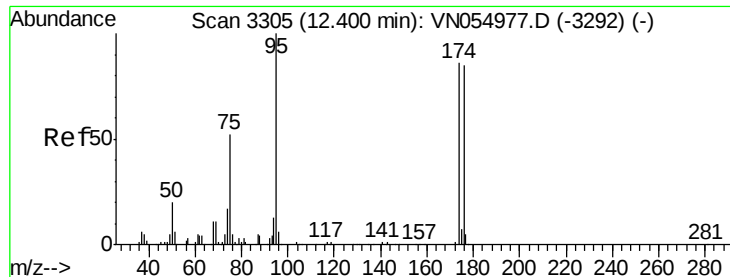
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN054992.D
 Acq: 12 Apr 2019 11:17

Tgt Ion:117 Resp: 307617
 Ion Ratio Lower Upper
 117 100
 82 56.3 45.2 67.8
 119 32.1 25.4 38.2



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





#60

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054992.D

Acq: 12 Apr 2019 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBL01

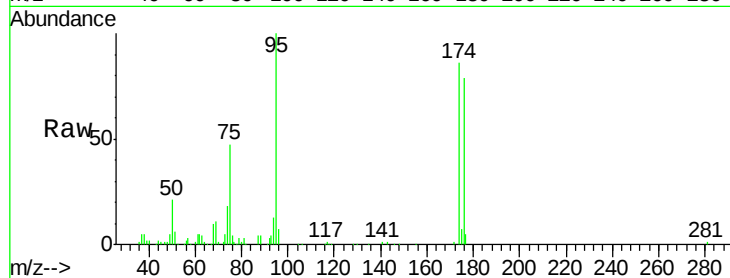
Tot Ion: 95 Resp: 112074

Ion Ratio Lower Upper

95 100

174 85.9 69.4 104.2

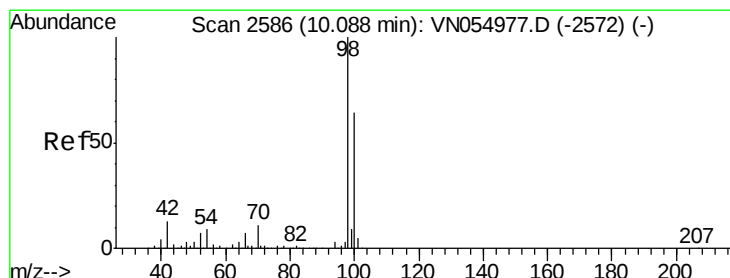
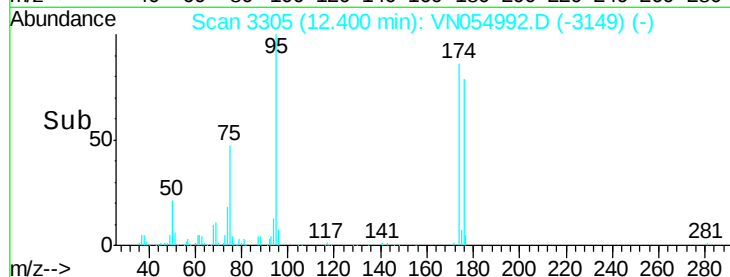
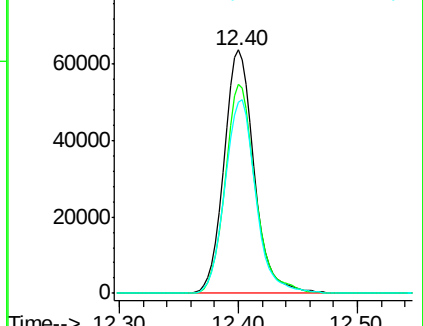
176 81.2 67.4 101.2



Abundance Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): VN0

Ion 176.00 (175.70 to 176.70): VN0



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN054992.D

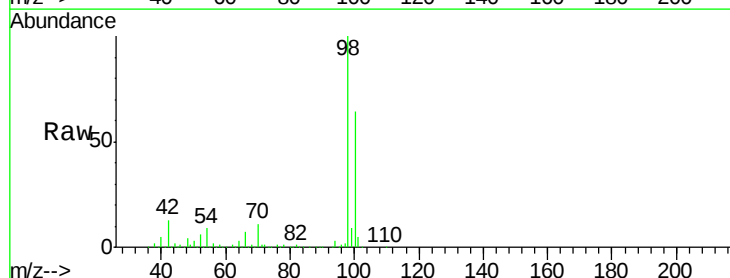
Acq: 12 Apr 2019 11:17

Tgt Ion: 98 Resp: 453798

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

