

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051184.D
 Acq On : 14 Sep 2018 12:44
 Operator : MD\SY
 Sample : J4907-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-128(2)

Quant Time: Sep 17 14:44:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	97074	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	490298	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	394388	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	185262	29.91	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.70%
60) 4-Bromofluorobenzene	12.40	95	114955	19.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	65.33%
63) Toluene-d8	10.09	98	562566	30.59	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.97%

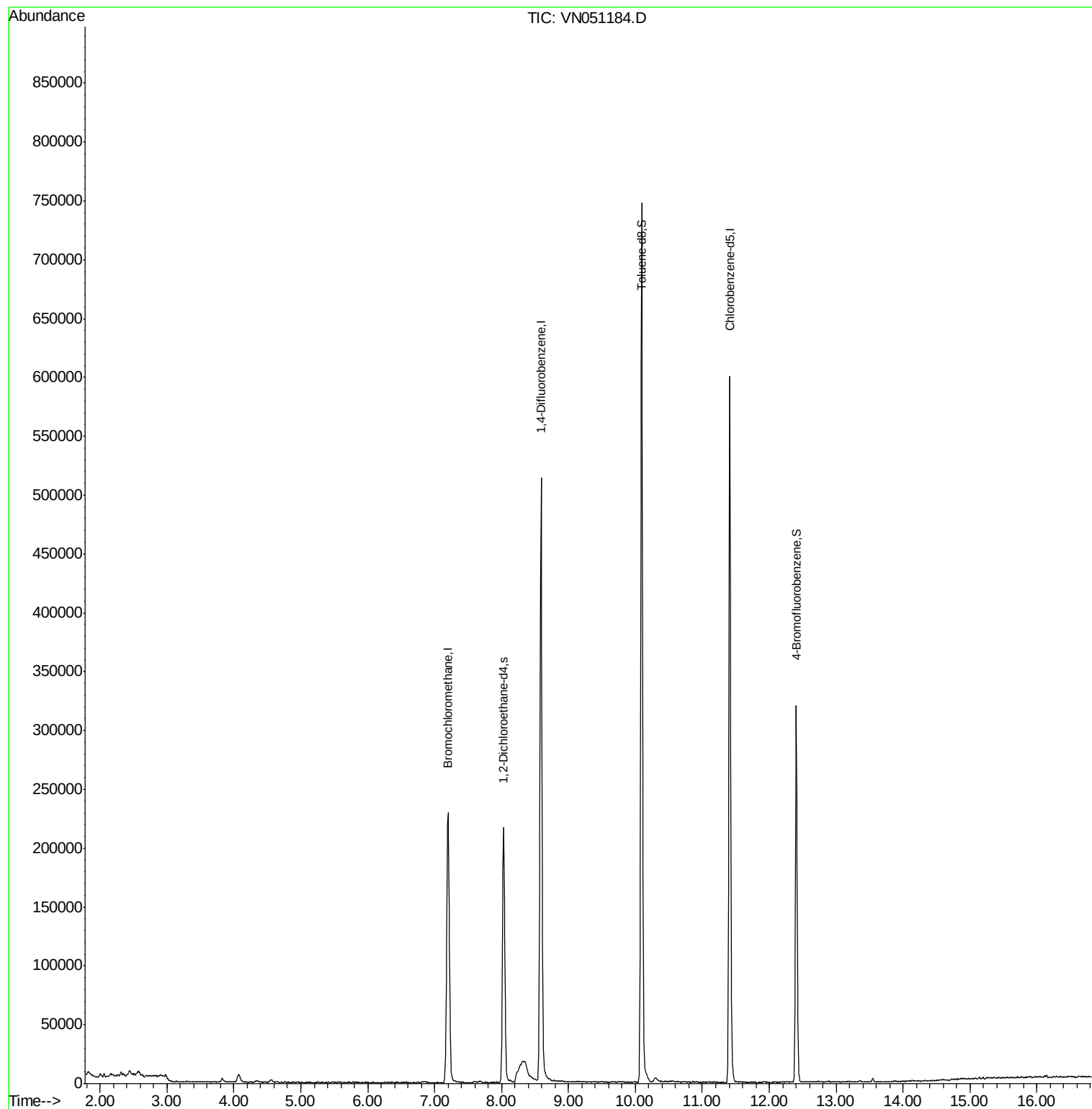
Target Compounds	Ovalue

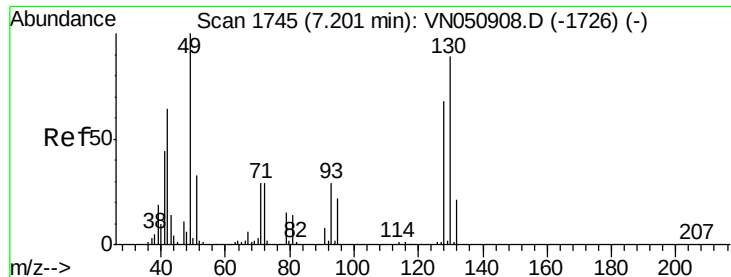
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN051184.D

Acq: 14 Sep 2018 12:44

Instrument :

MSVOA_N

ClientSampled :

CBH-128(2)

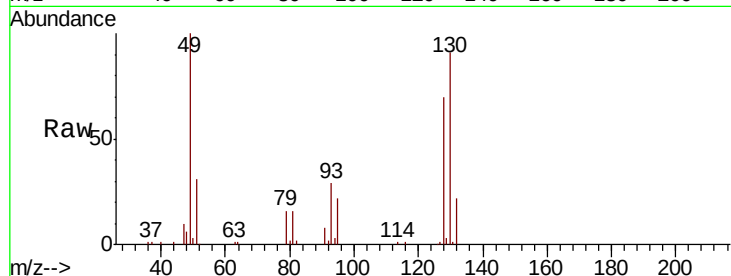
Tot Ion:128 Resp: 97074

Ion Ratio Lower Upper

128 100

49 146.4 0.0 380.3

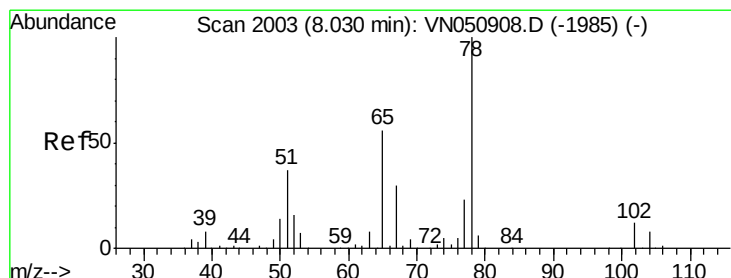
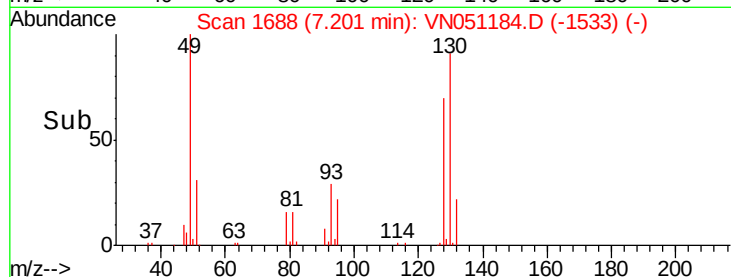
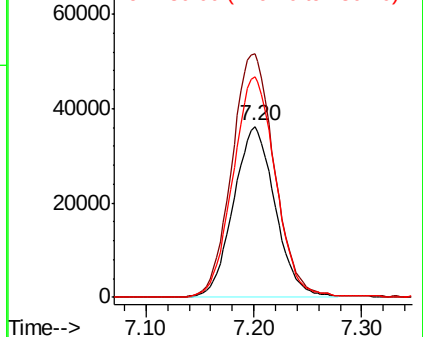
130 132.2 0.0 325.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 29.91 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. -0.00 min

Lab File: VN051184.D

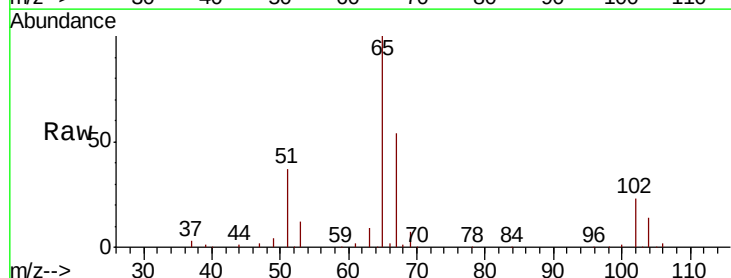
Acq: 14 Sep 2018 12:44

Tgt Ion: 65 Resp: 185262

Ion Ratio Lower Upper

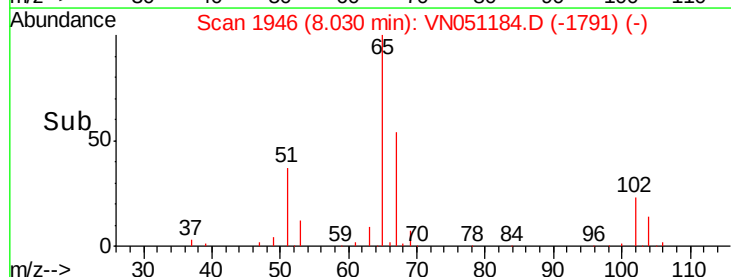
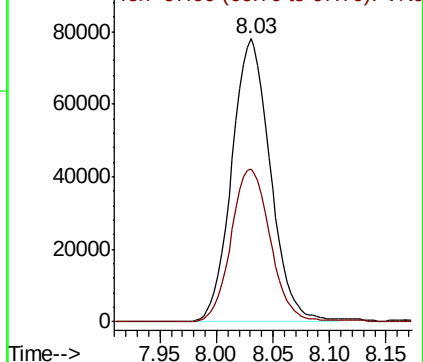
65 100

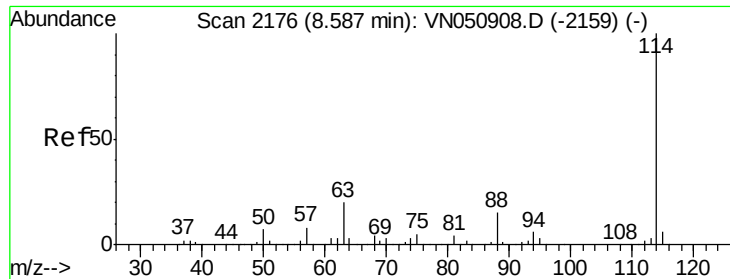
67 54.9 43.7 65.5



Abundance Ion 65.00 (64.70 to 65.70): VN

Ion 67.00 (66.70 to 67.70): VN

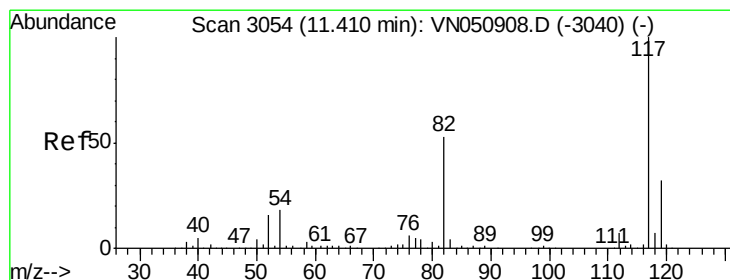
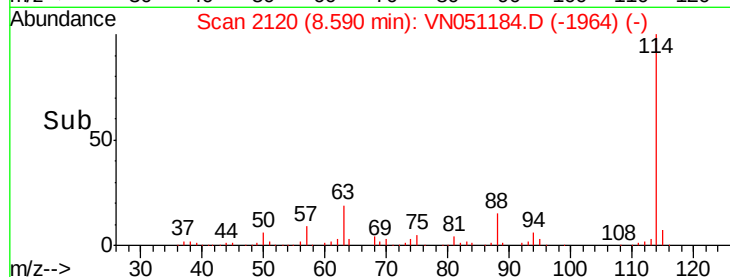
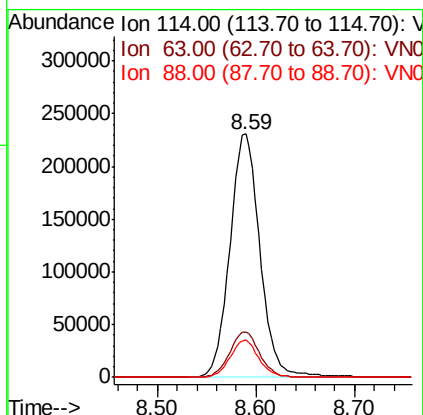
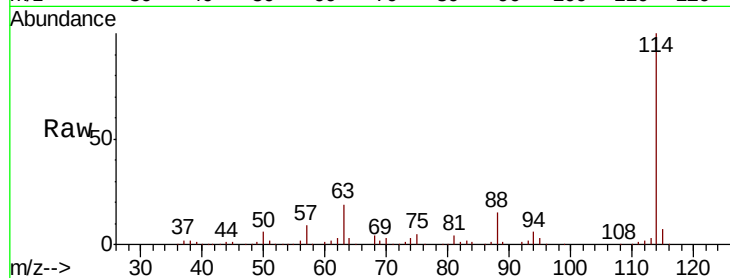




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051184.D
 Acq: 14 Sep 2018 12:44

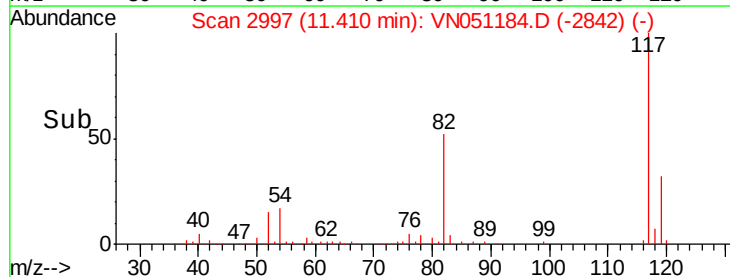
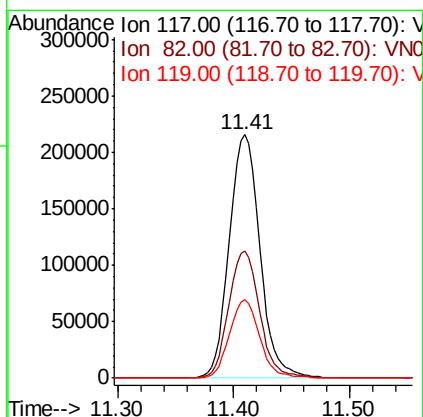
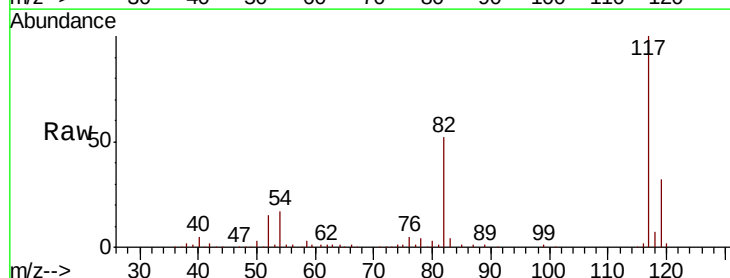
Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-128(2)

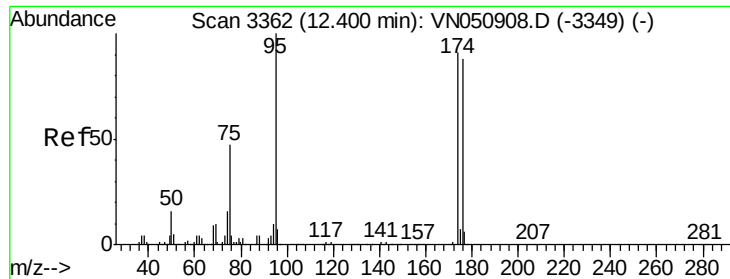
Tot Ion:114 Resp: 490298
 Ion Ratio Lower Upper
 114 100
 63 18.6 15.6 23.4
 88 14.6 12.2 18.4



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. -0.00 min
 Lab File: VN051184.D
 Acq: 14 Sep 2018 12:44

Tgt Ion:117 Resp: 394388
 Ion Ratio Lower Upper
 117 100
 82 52.6 42.6 64.0
 119 31.8 25.7 38.5





#60

4-Bromofluorobenzene

Concen: 19.60 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051184.D

Acq: 14 Sep 2018 12:44

Instrument :

MSVOA_N

ClientSampled :

CBH-128(2)

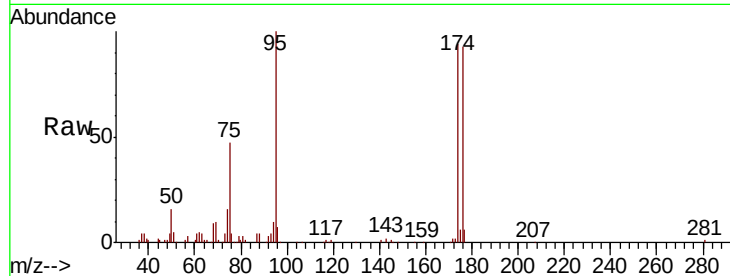
Tot Ion: 95 Resp: 114955

Ion Ratio Lower Upper

95 100

174 95.5 74.6 112.0

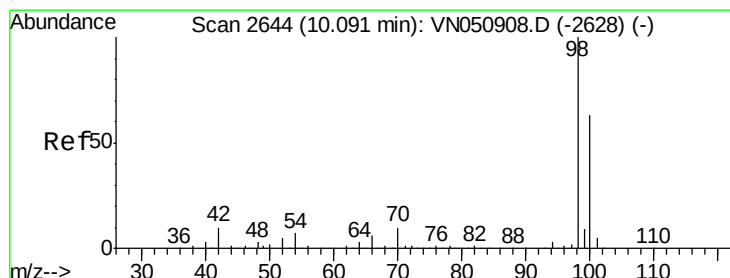
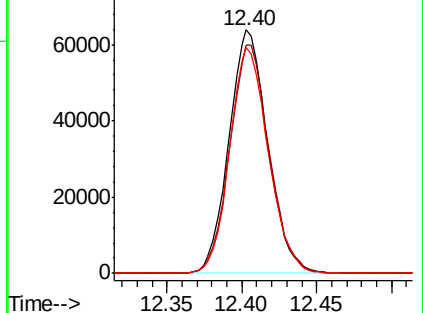
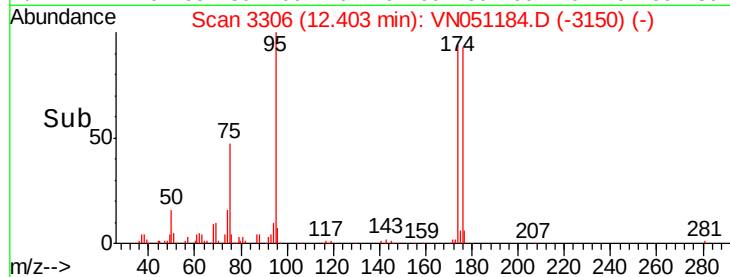
176 92.5 71.5 107.3



Abundance Ion 95.00 (94.70 to 95.70): VN050908.D (-3349) (-)

Ion 174.00 (173.70 to 174.70): VN050908.D (-3349) (-)

Ion 176.00 (175.70 to 176.70): VN050908.D (-3349) (-)



#63

Toluene-d8

Concen: 30.59 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051184.D

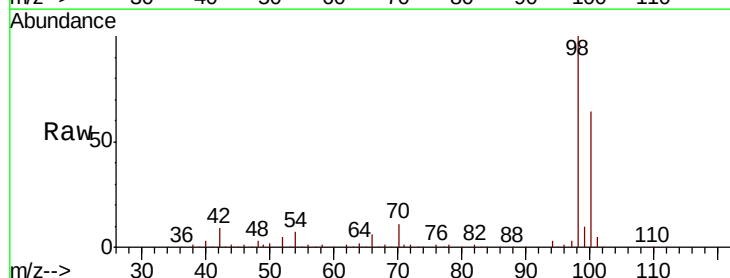
Acq: 14 Sep 2018 12:44

Tgt Ion: 98 Resp: 562566

Ion Ratio Lower Upper

98 100

100 63.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN050908.D (-2628) (-)

Ion 100.00 (99.70 to 100.70): VN050908.D (-2628) (-)

