

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100518\
 Data File : VN051679.D
 Acq On : 5 Oct 2018 11:54
 Operator : MD\SY
 Sample : VN1005WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005WBL01

Quant Time: Oct 08 16:31:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 05 11:11:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	105140	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	583185	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	471399	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	216112	29.61	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.70%
60) 4-Bromofluorobenzene	12.40	95	169318	23.54	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	78.47%
63) Toluene-d8	10.09	98	674711	32.24	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	107.47%

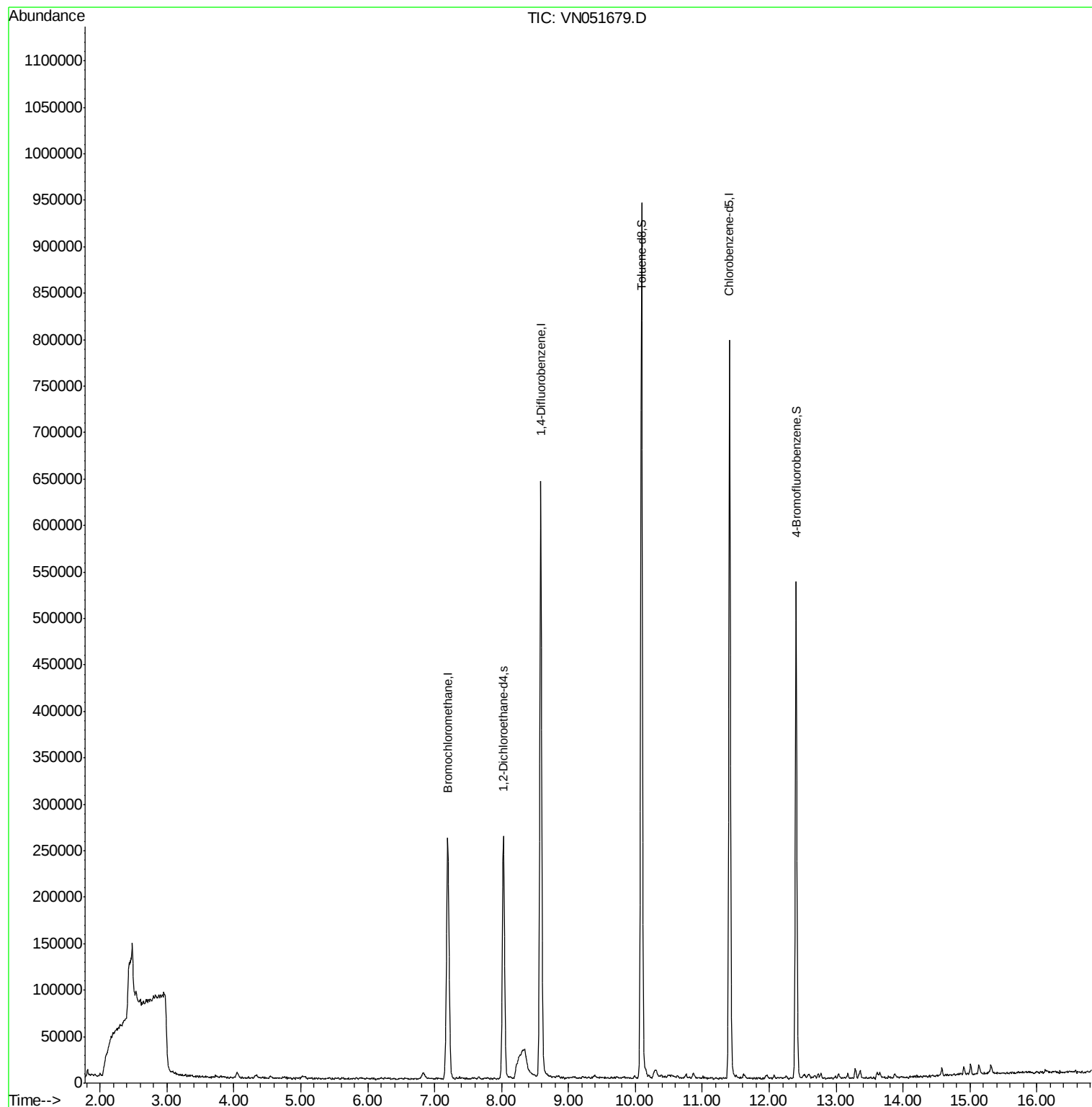
Target Compounds	Ovalue

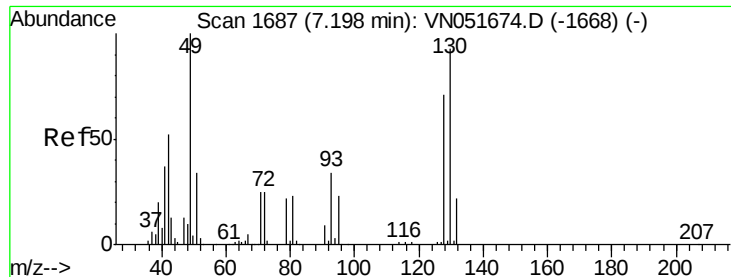
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051679.D

Acq: 5 Oct 2018 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBL01

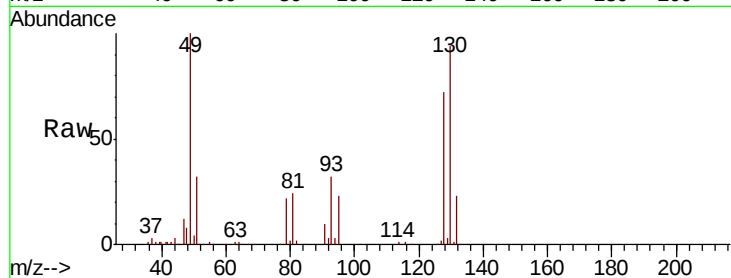
Tot Ion:128 Resp: 105140

Ion Ratio Lower Upper

128 100

49 137.5 0.0 403.3

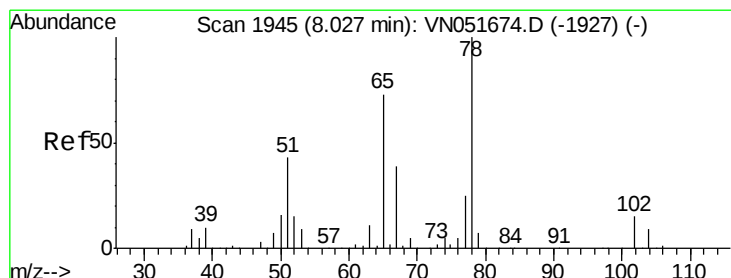
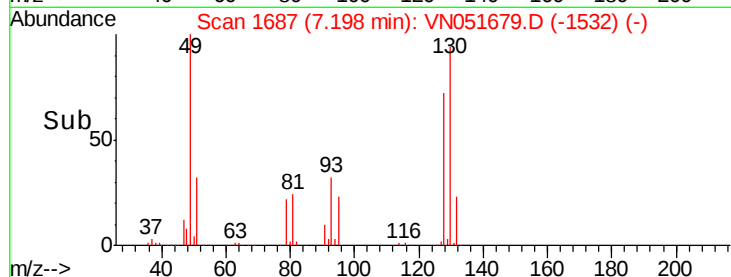
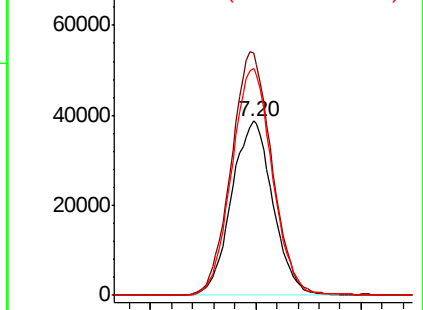
130 128.8 0.0 326.0



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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051679.D

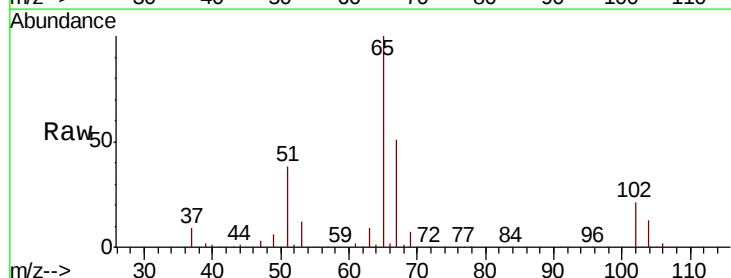
Acq: 5 Oct 2018 11:54

Tgt Ion: 65 Resp: 216112

Ion Ratio Lower Upper

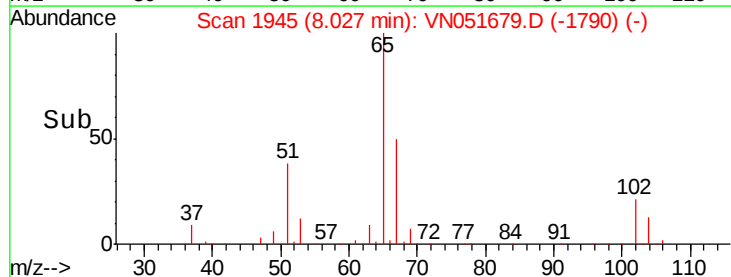
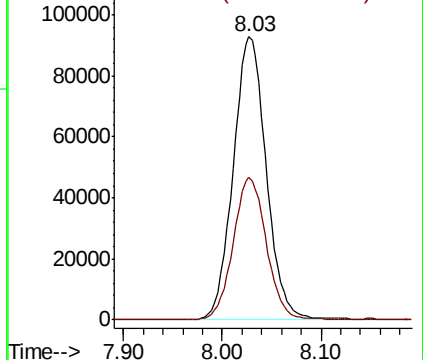
65 100

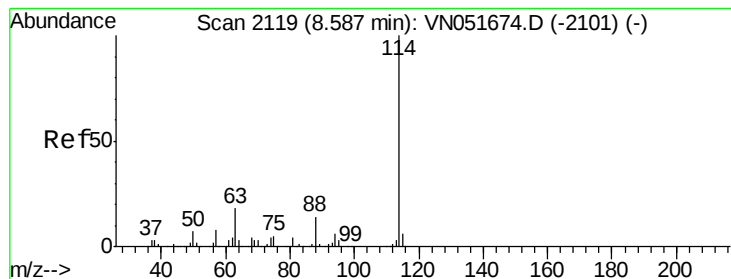
67 50.4 41.8 62.8



Abundance Ion 65.00 (64.70 to 65.70): VN

Ion 67.00 (66.70 to 67.70): VN





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051679.D

Acq: 5 Oct 2018 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBL01

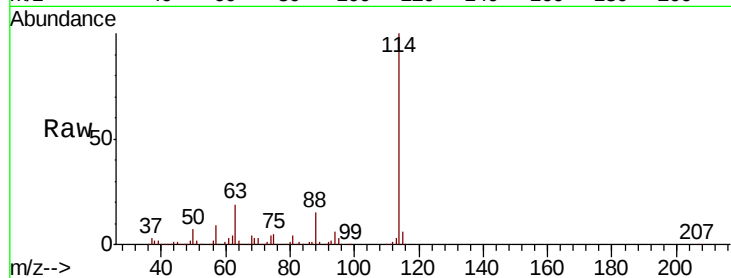
Tot Ion:114 Resp: 583185

Ion Ratio Lower Upper

114 100

63 18.5 16.2 24.2

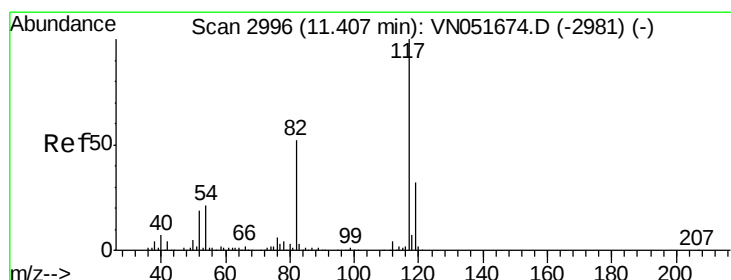
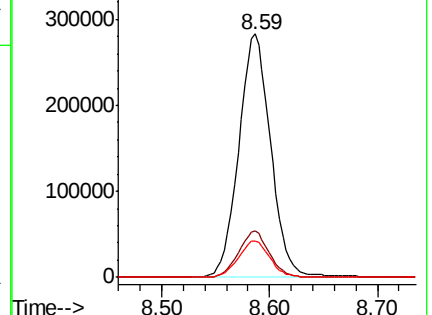
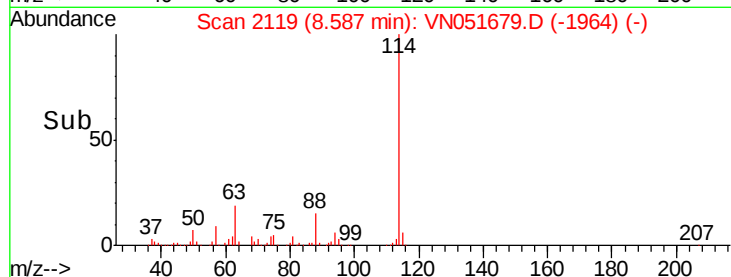
88 14.7 12.2 18.4



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: VN051679.D

Acq: 5 Oct 2018 11:54

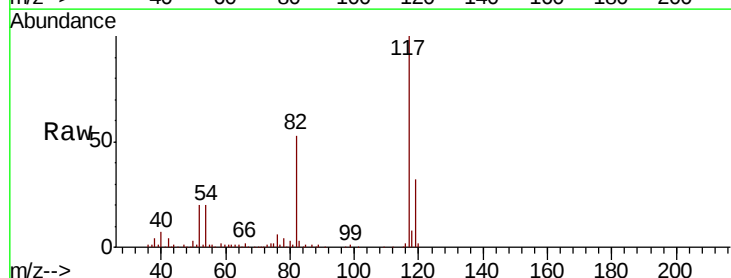
Tgt Ion:117 Resp: 471399

Ion Ratio Lower Upper

117 100

82 52.0 44.1 66.1

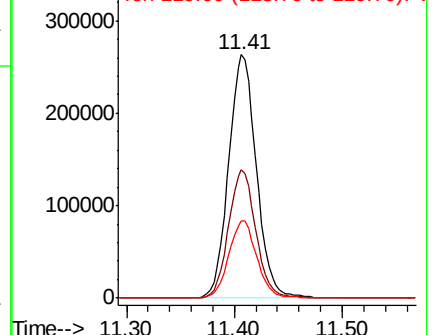
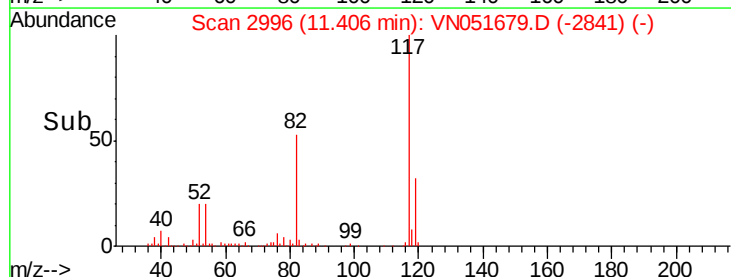
119 32.0 25.8 38.8

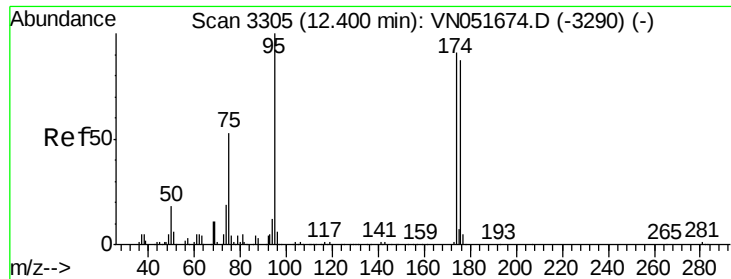


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 119.00 (118.70 to 119.70): V





#60

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051679.D

Acq: 5 Oct 2018 11:54

Instrument :

MSVOA_N

ClientSampleId :

VN1005WBL01

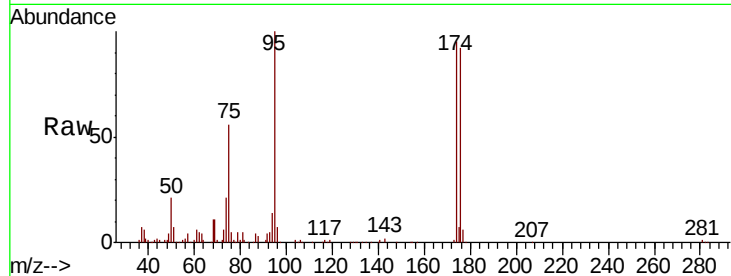
Tot Ion: 95 Resp: 169318

Ion Ratio Lower Upper

95 100

174 93.9 73.5 110.3

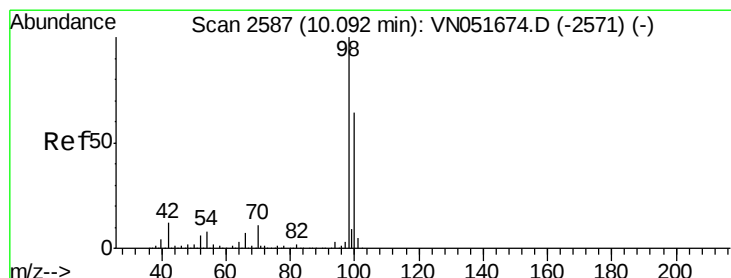
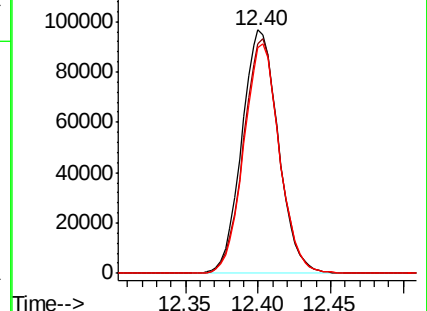
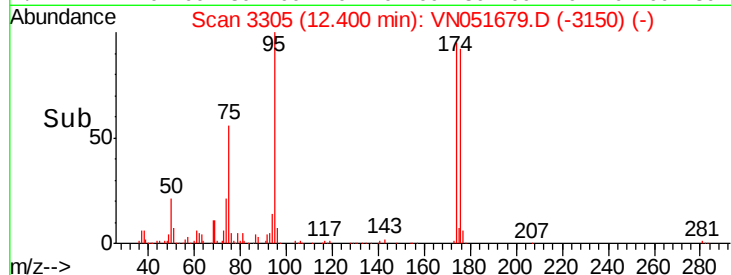
176 92.1 70.2 105.2



Abundance Ion 95.00 (94.70 to 95.70): VN051679.D (-3150) (-)

Ion 174.00 (173.70 to 174.70): VN051679.D (-3150) (-)

Ion 176.00 (175.70 to 176.70): VN051679.D (-3150) (-)



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051679.D

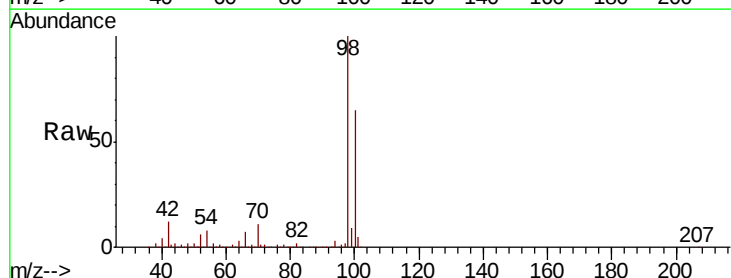
Acq: 5 Oct 2018 11:54

Tgt Ion: 98 Resp: 674711

Ion Ratio Lower Upper

98 100

100 63.6 50.8 76.2



Abundance Ion 98.00 (97.70 to 98.70): VN051679.D (-2432) (-)

Ion 100.00 (99.70 to 100.70): VN051679.D (-2432) (-)

