

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051182.D
 Acq On : 14 Sep 2018 11:55
 Operator : MD\SY
 Sample : J4907-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-591(1)

Quant Time: Sep 17 14:44:05 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	102162	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	520008	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	412664	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	191805	29.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.07%
60) 4-Bromofluorobenzene	12.40	95	123763	20.17	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	67.23%
63) Toluene-d8	10.09	98	591015	30.71	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.37%

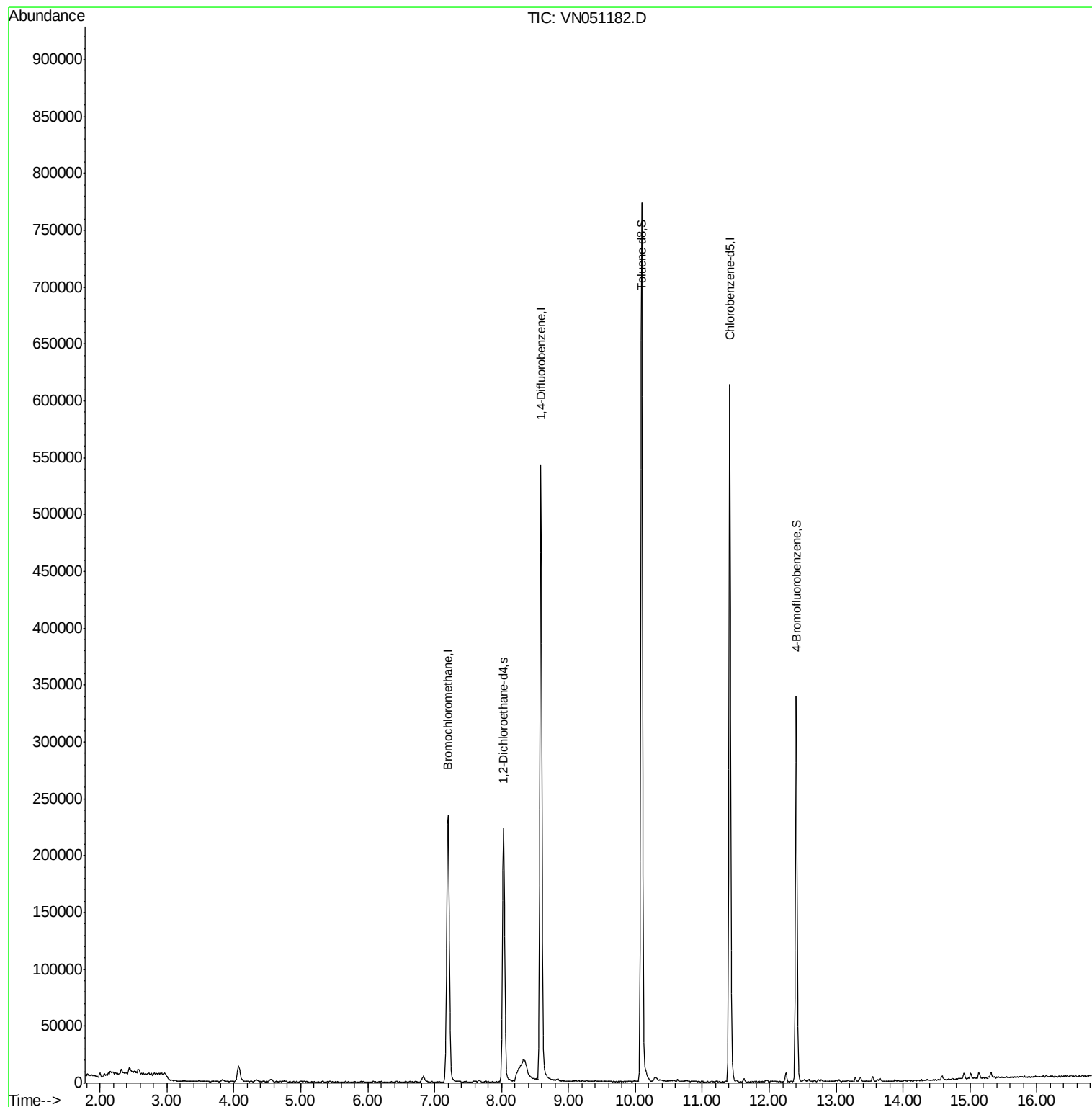
Target Compounds	Ovalue

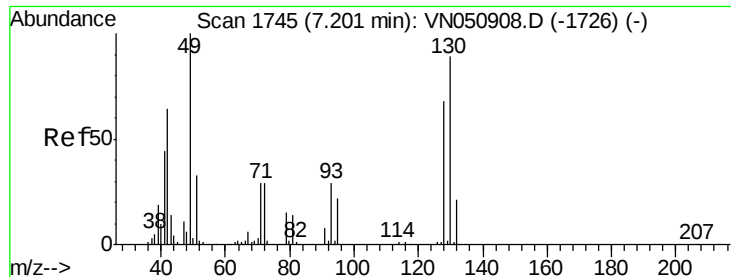
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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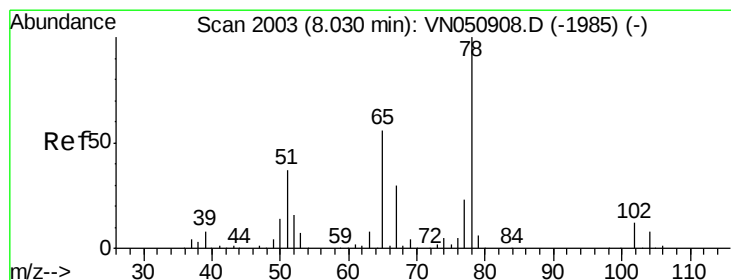
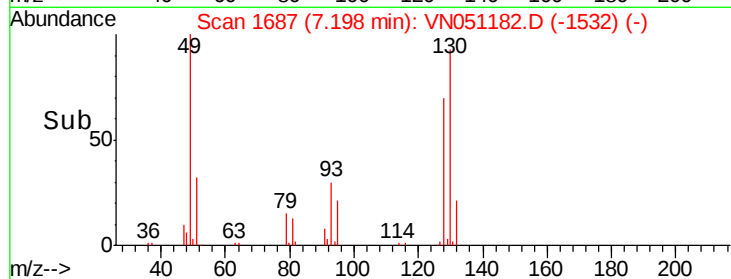
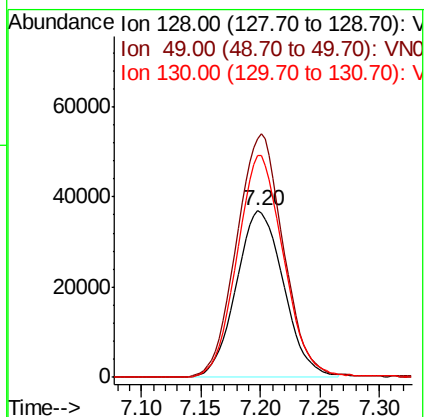
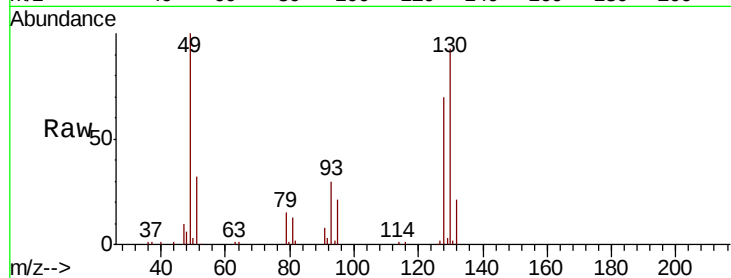




#1
 Bromochloromethane
 Concen: 30.00 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: VN051182.D
 Acq: 14 Sep 2018 11:55

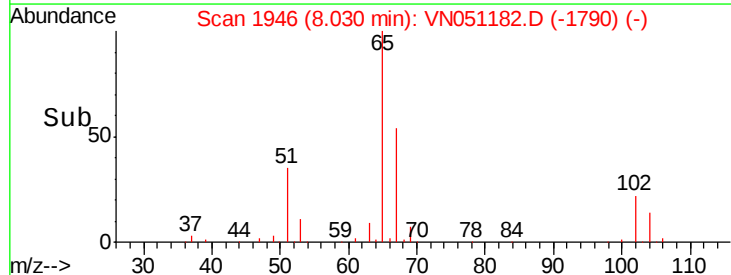
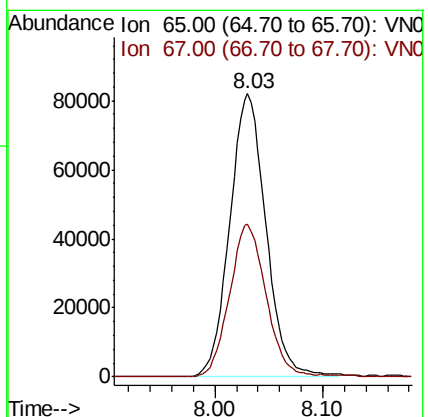
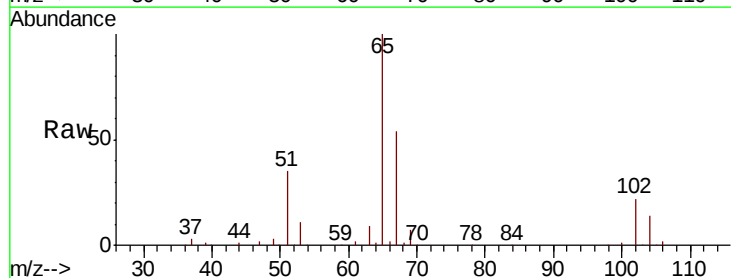
Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-591(1)

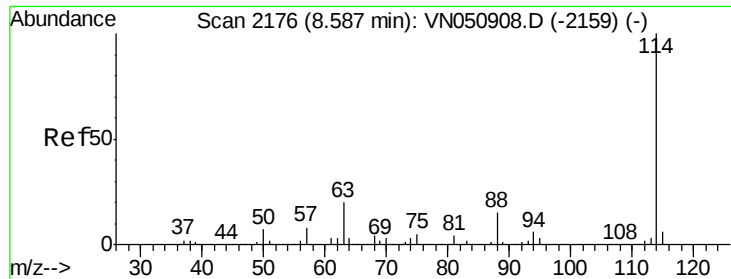
Tot Ion:128 Resp: 102162
 Ion Ratio Lower Upper
 128 100
 49 143.8 0.0 380.3
 130 130.2 0.0 325.3



#27
 1,2-Dichloroethane-d4
 Concen: 29.42 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051182.D
 Acq: 14 Sep 2018 11:55

Tgt Ion: 65 Resp: 191805
 Ion Ratio Lower Upper
 65 100
 67 54.1 43.7 65.5

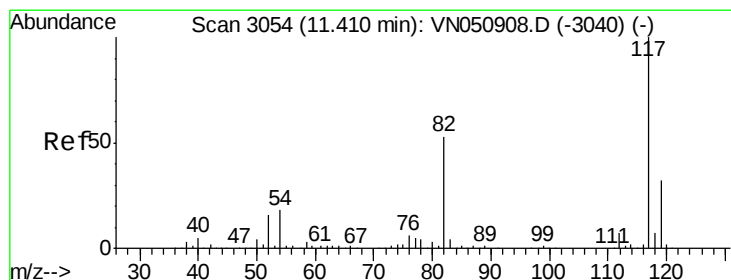
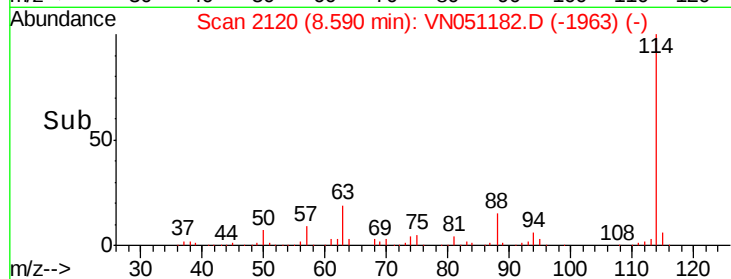
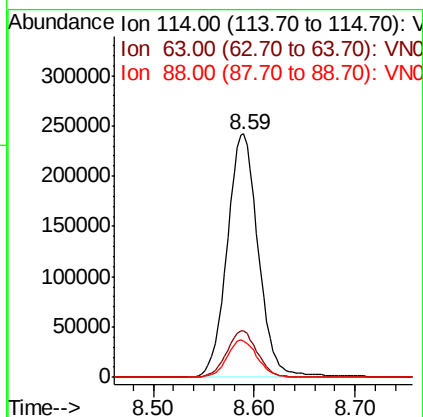
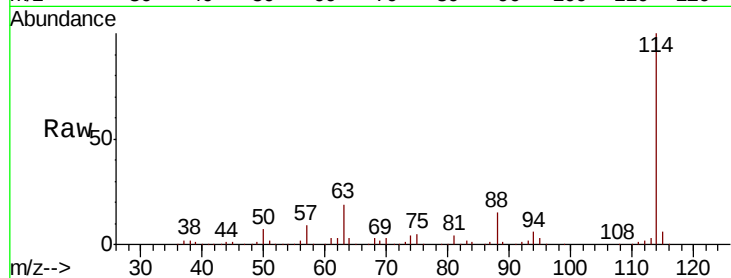




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051182.D
 Acq: 14 Sep 2018 11:55

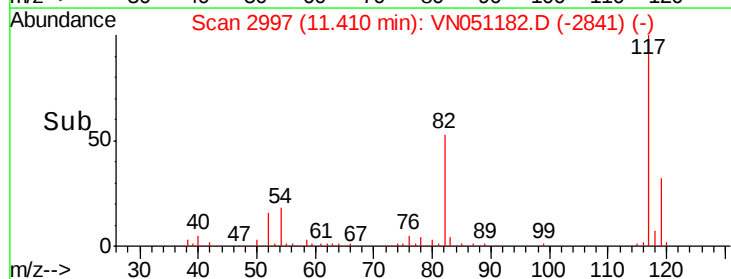
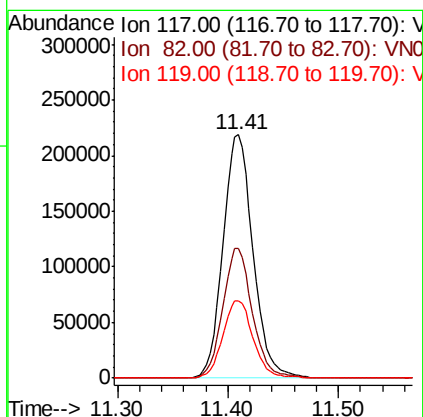
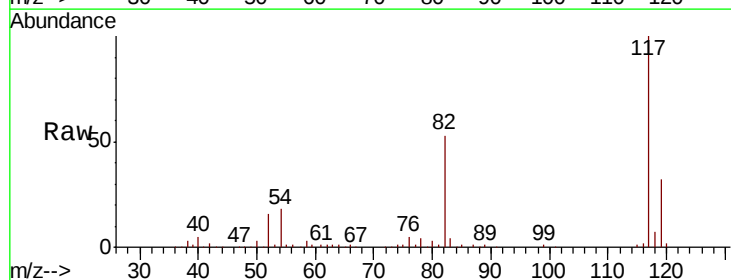
Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-591(1)

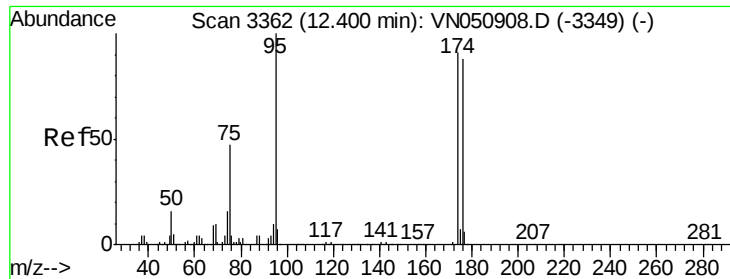
Tot Ion:114 Resp: 520008
 Ion Ratio Lower Upper
 114 100
 63 18.8 15.6 23.4
 88 15.0 12.2 18.4



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. 0.00 min
 Lab File: VN051182.D
 Acq: 14 Sep 2018 11:55

Tgt Ion:117 Resp: 412664
 Ion Ratio Lower Upper
 117 100
 82 52.5 42.6 64.0
 119 32.3 25.7 38.5





#60

4-Bromofluorobenzene

Concen: 20.17 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051182.D

Acq: 14 Sep 2018 11:55

Instrument :

MSVOA_N

ClientSampleId :

CBH-591(1)

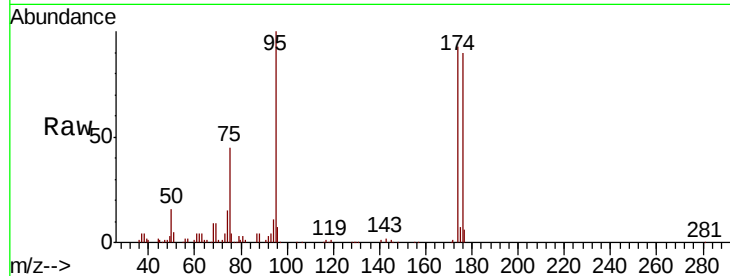
Tot Ion: 95 Resp: 123763

Ion Ratio Lower Upper

95 100

174 94.9 74.6 112.0

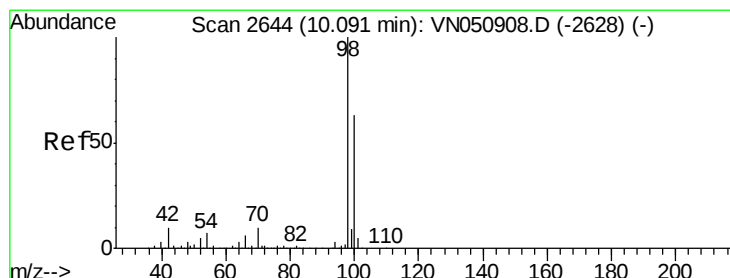
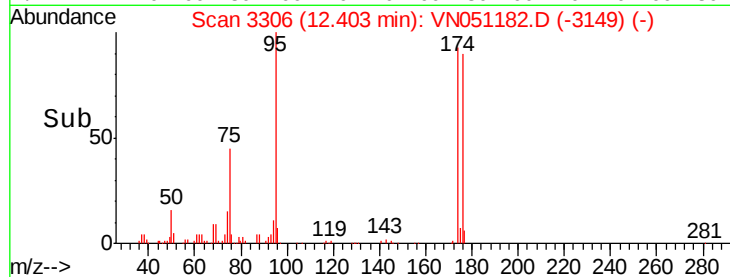
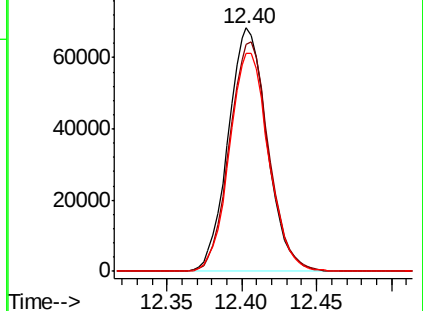
176 90.4 71.5 107.3



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: 30.71 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051182.D

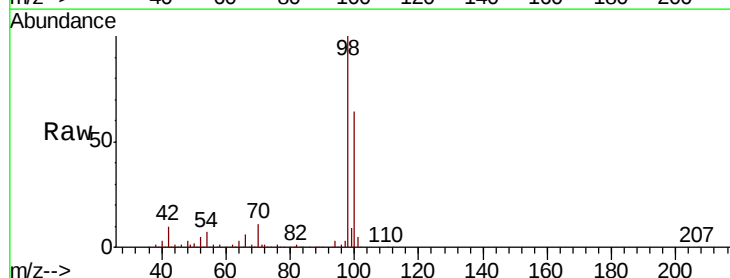
Acq: 14 Sep 2018 11:55

Tgt Ion: 98 Resp: 591015

Ion Ratio Lower Upper

98 100

100 63.4 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) (-)

