

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050500.D
 Acq On : 9 Aug 2018 22:03
 Operator : MD\SY
 Sample : VN0809WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBL02

Quant Time: Aug 10 07:43:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	131137	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	679404	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	561302	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	273439	30.68	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.27%
60) 4-Bromofluorobenzene	12.40	95	194885	22.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	75.33%
63) Toluene-d8	10.09	98	776774	28.97	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.57%

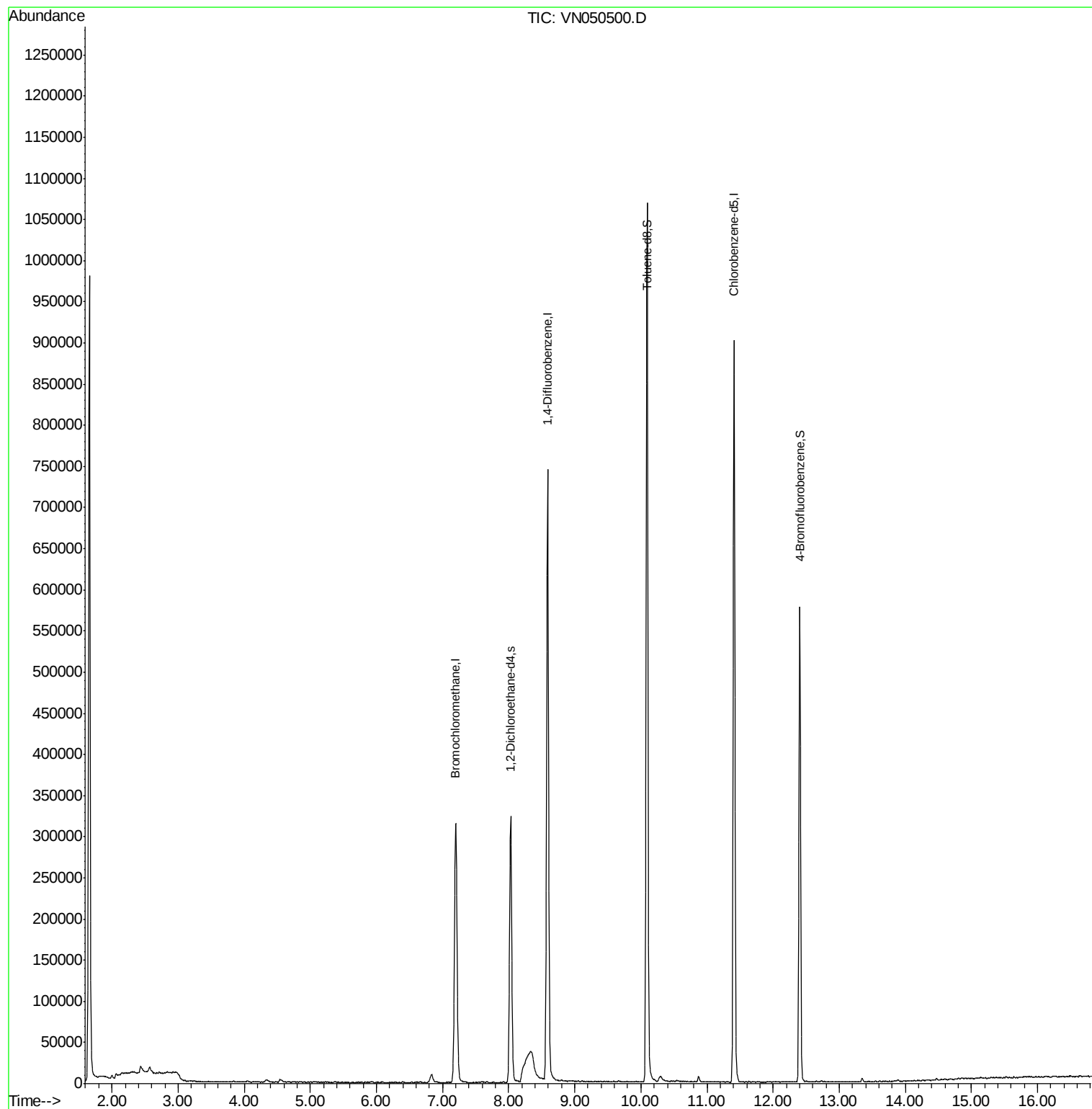
Target Compounds	Ovalue

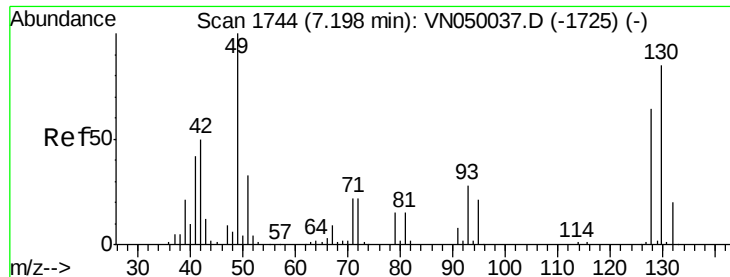
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VN050500.D

Acq: 9 Aug 2018 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBL02

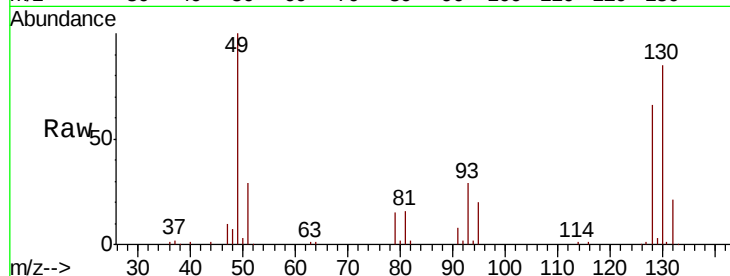
Tot Ion:128 Resp: 131137

Ion Ratio Lower Upper

128 100

49 150.6 0.0 378.3

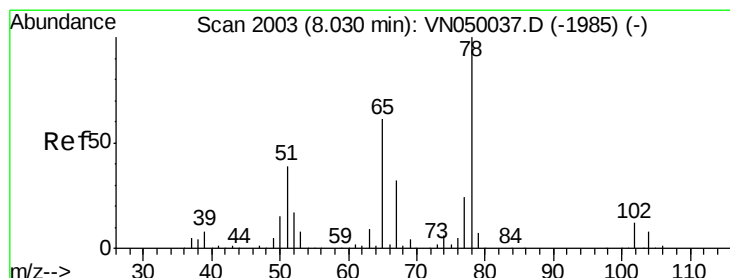
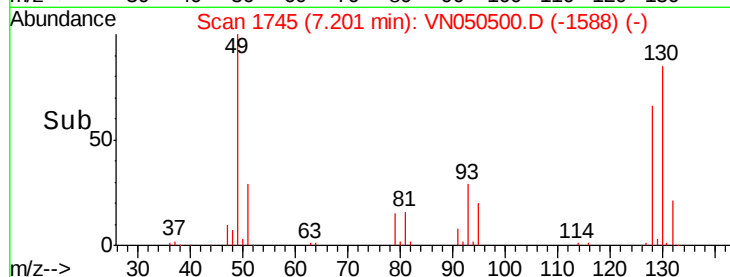
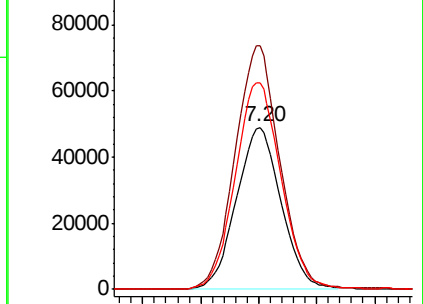
130 131.3 0.0 320.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 30.68 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050500.D

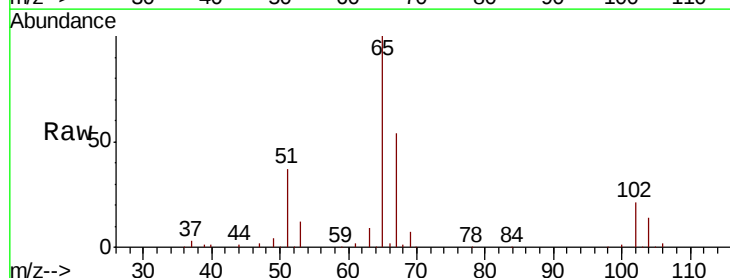
Acq: 9 Aug 2018 22:03

Tgt Ion: 65 Resp: 273439

Ion Ratio Lower Upper

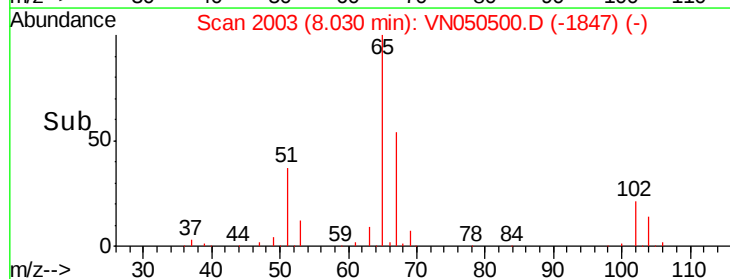
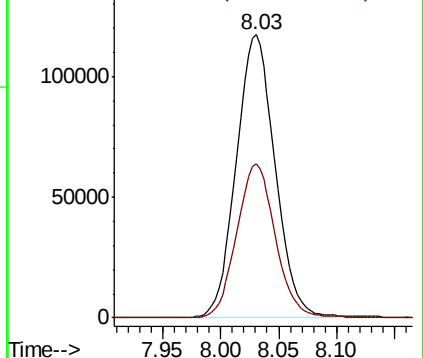
65 100

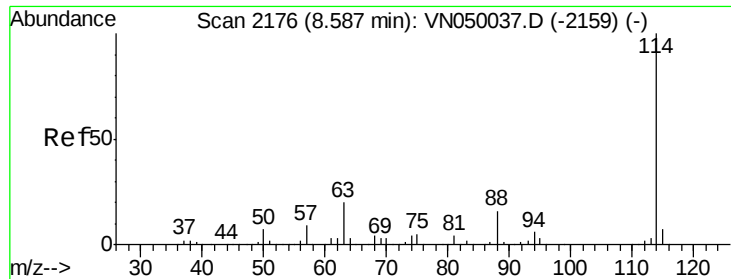
67 54.3 42.7 64.1



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

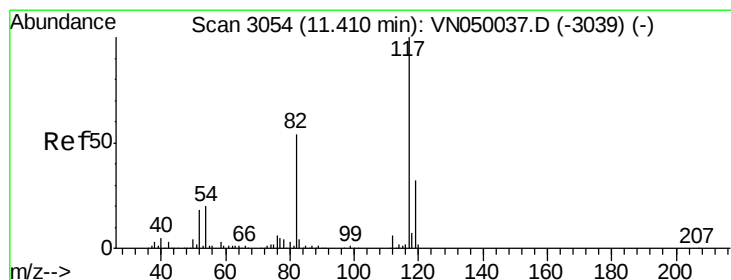
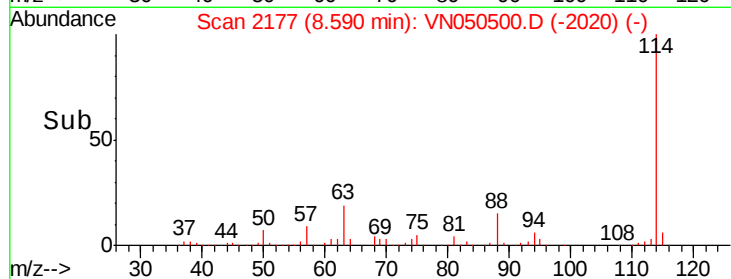
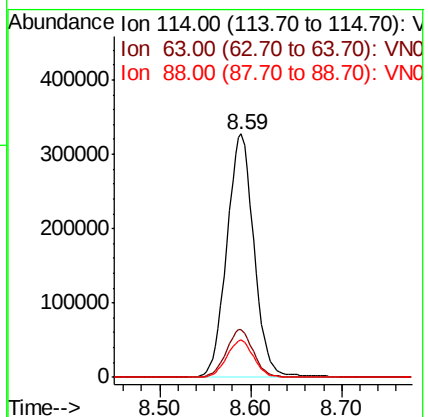
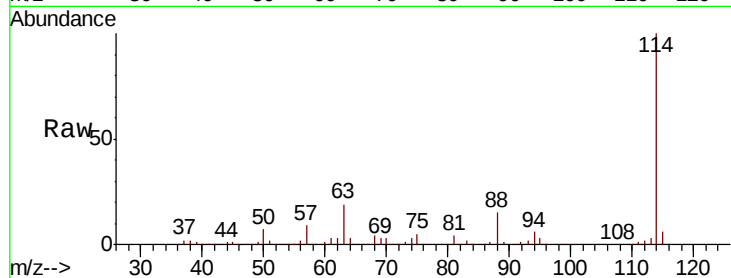




#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050500.D
 Acq: 9 Aug 2018 22:03

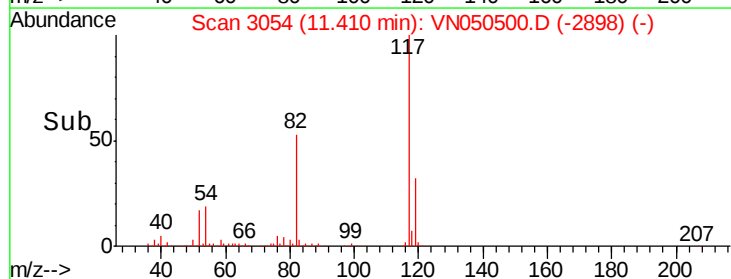
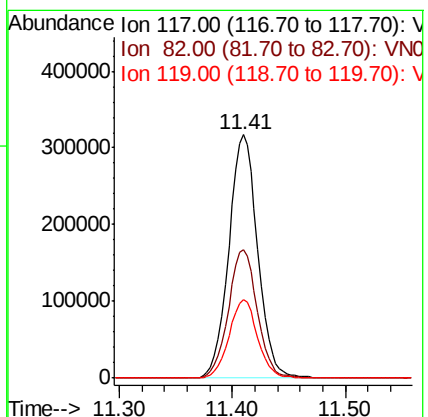
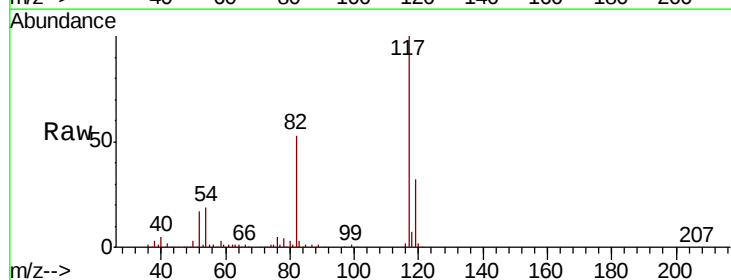
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBL02

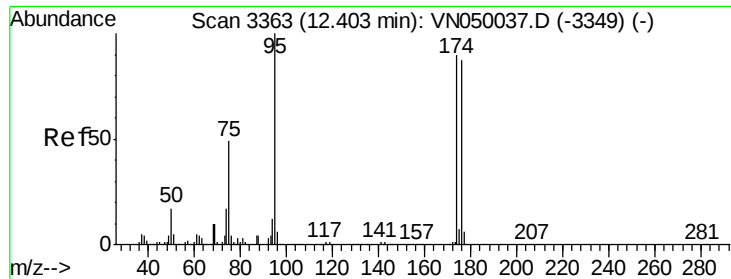
Tot Ion:114 Resp: 679404
 Ion Ratio Lower Upper
 114 100
 63 19.6 16.2 24.2
 88 15.2 12.3 18.5



#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN050500.D
 Acq: 9 Aug 2018 22:03

Tgt Ion:117 Resp: 561302
 Ion Ratio Lower Upper
 117 100
 82 53.0 42.4 63.6
 119 32.0 25.4 38.0





#60

4-Bromofluorobenzene

Concen: 22.60 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050500.D

Acq: 9 Aug 2018 22:03

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBL02

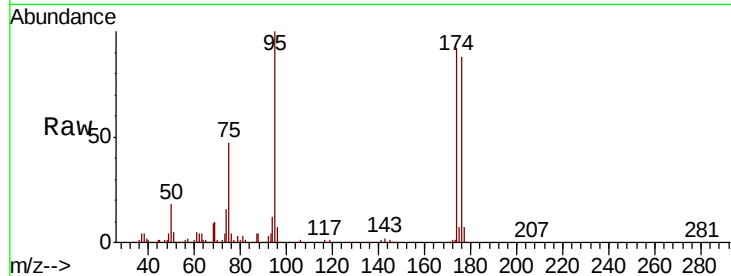
Tot Ion: 95 Resp: 194885

Ion Ratio Lower Upper

95 100

174 93.6 72.3 108.5

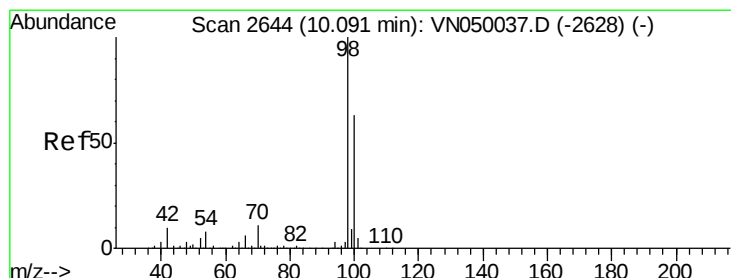
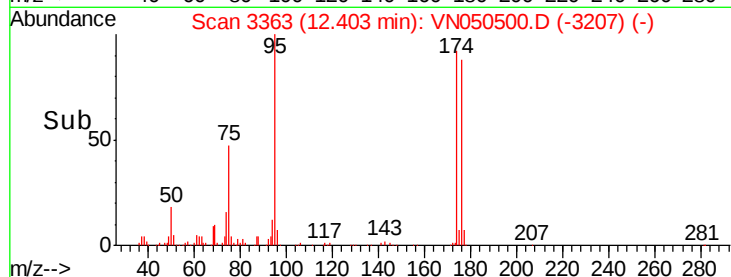
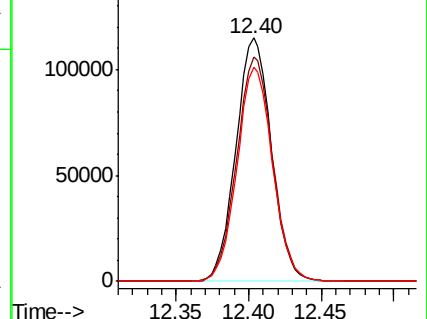
176 88.0 70.0 105.0



Abundance Ion 95.00 (94.70 to 95.70): VN050037.D (-3349) (-)

Ion 174.00 (173.70 to 174.70): VN050037.D (-3349) (-)

Ion 176.00 (175.70 to 176.70): VN050037.D (-3349) (-)



#63

Toluene-d8

Concen: 28.97 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050500.D

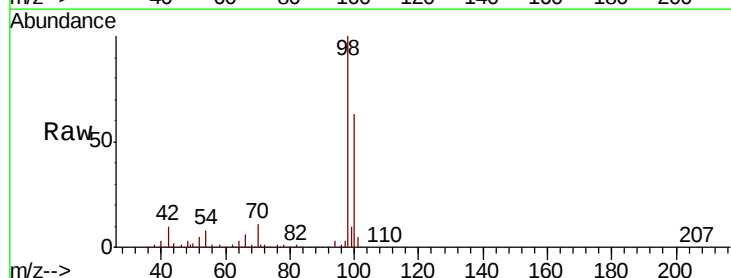
Acq: 9 Aug 2018 22:03

Tgt Ion: 98 Resp: 776774

Ion Ratio Lower Upper

98 100

100 62.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN050037.D (-2628) (-)

Ion 100.00 (99.70 to 100.70): VN050037.D (-2628) (-)

