

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050997.D
 Acq On : 31 Aug 2018 19:21
 Operator : MD\SY
 Sample : VN0831WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0831WBL02

Quant Time: Sep 01 01:49:37 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	112367	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	576486	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	463553	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	219125	30.56	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.87%
60) 4-Bromofluorobenzene	12.40	95	140724	20.42	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	68.07%
63) Toluene-d8	10.09	98	674152	31.19	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.97%

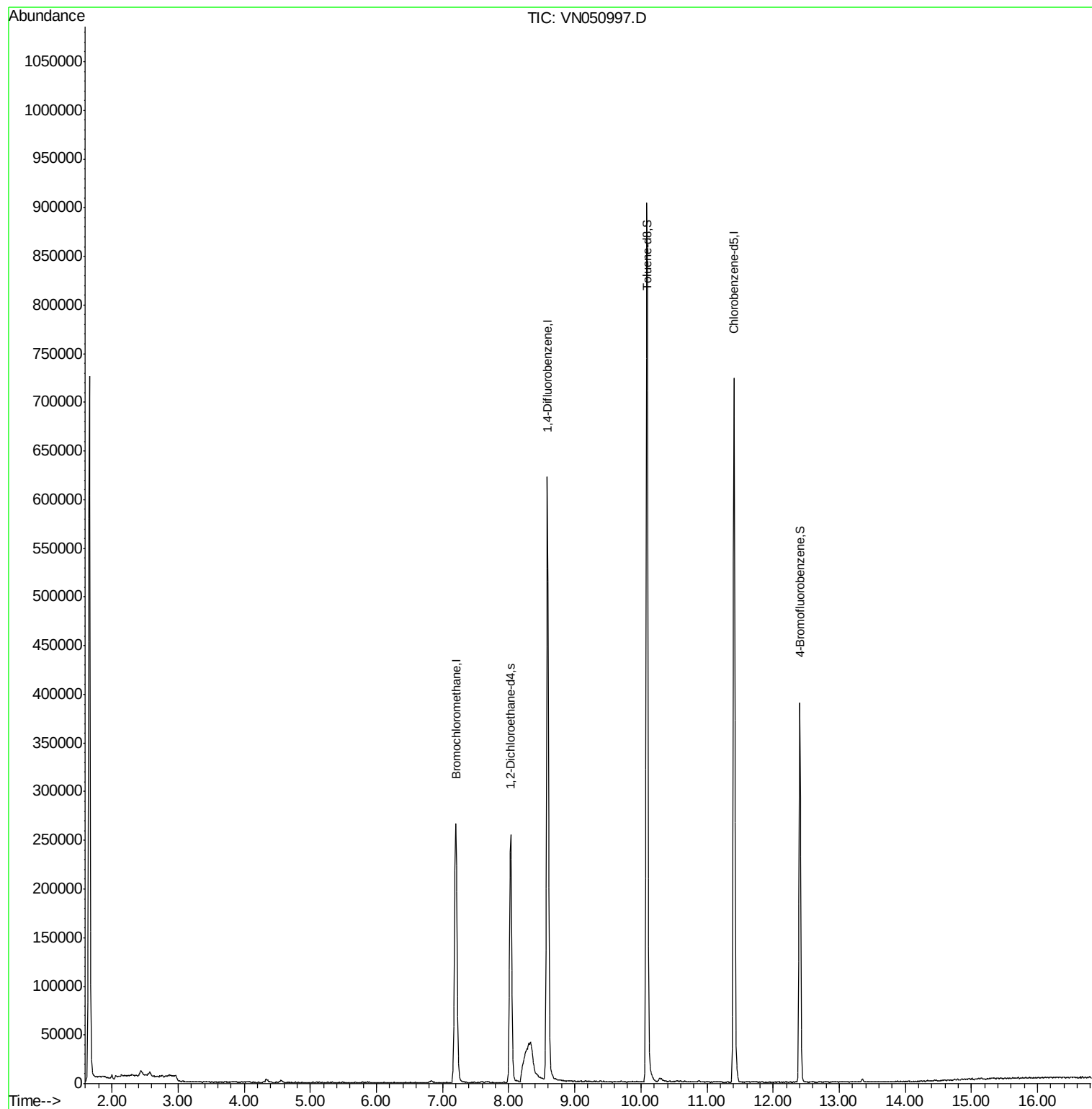
Target Compounds	Ovalue

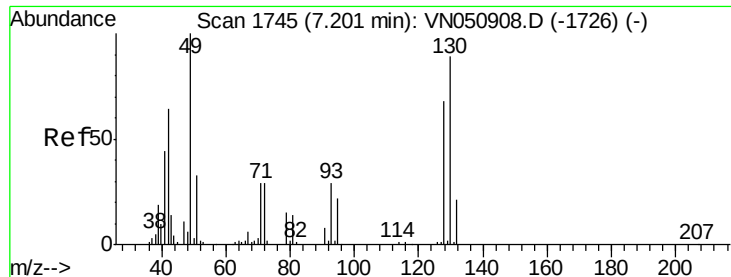
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 29 01:38:44 2018
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#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 7.20 min Scan# 1744

Delta R.T. -0.00 min

Lab File: VN050997.D

Acq: 31 Aug 2018 19:21

Instrument :

MSVOA_N

ClientSampled :

VN0831WBL02

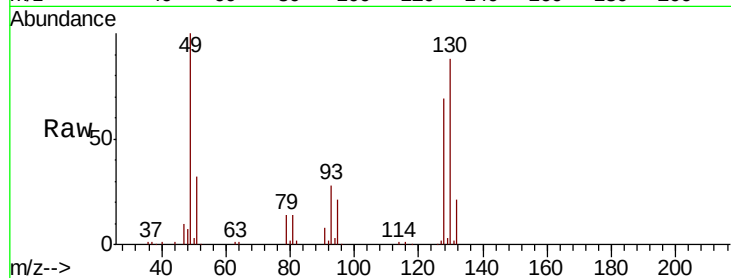
Tot Ion:128 Resp: 112367

Ion Ratio Lower Upper

128 100

49 149.5 0.0 380.3

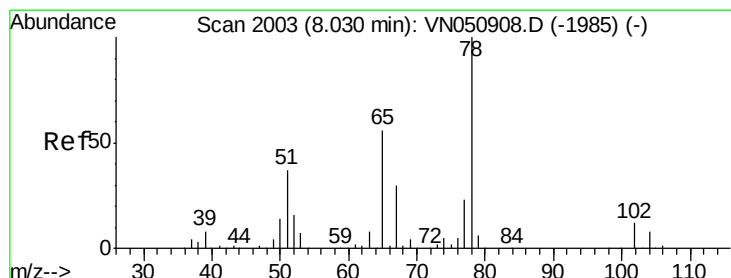
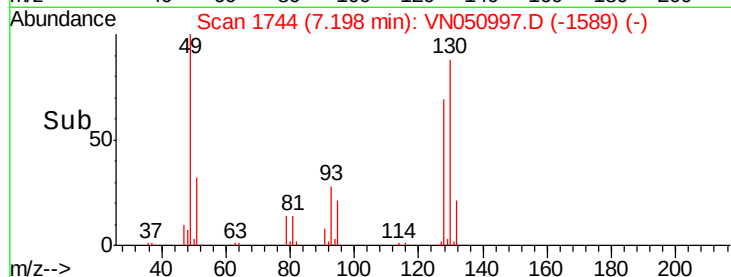
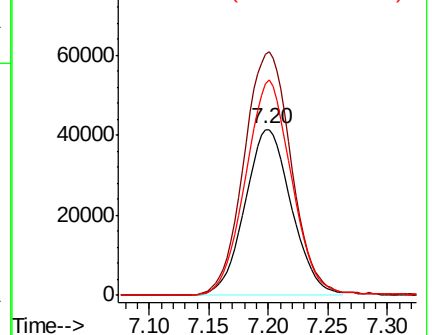
130 128.4 0.0 325.3



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: 30.56 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN050997.D

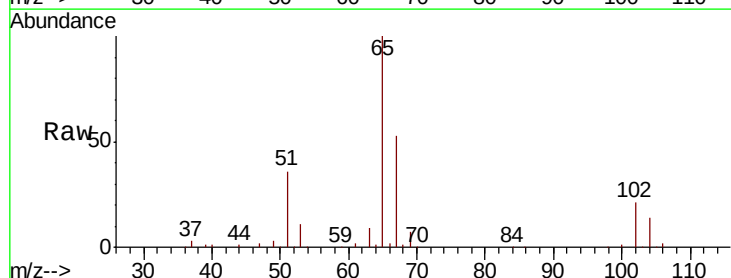
Acq: 31 Aug 2018 19:21

Tgt Ion: 65 Resp: 219125

Ion Ratio Lower Upper

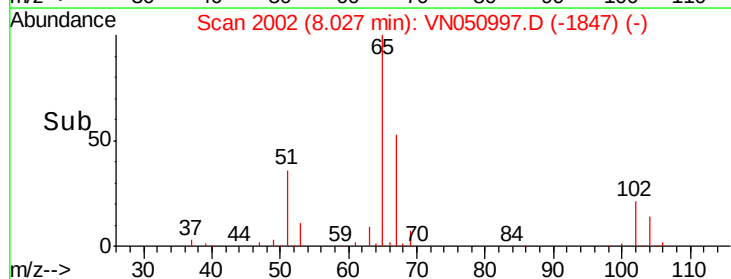
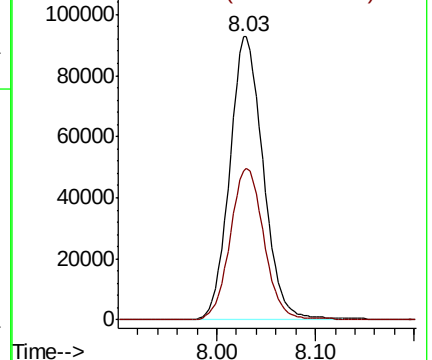
65 100

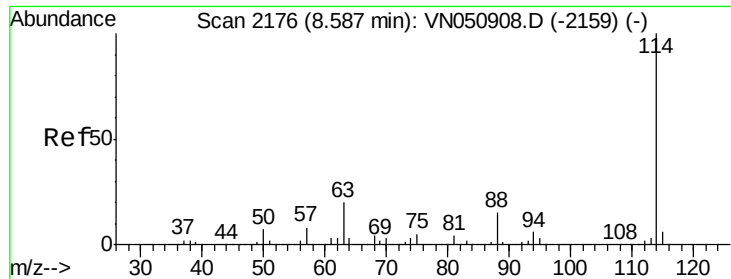
67 54.1 43.7 65.5



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

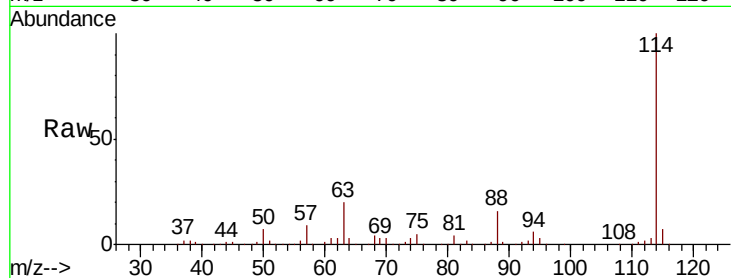




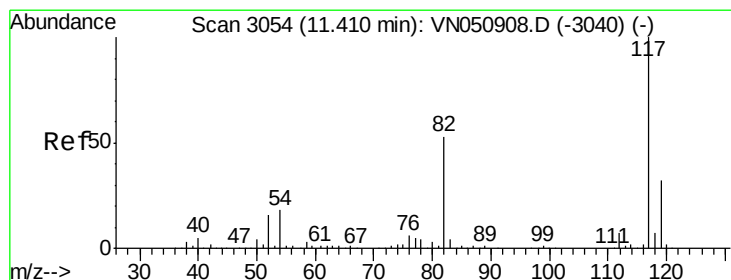
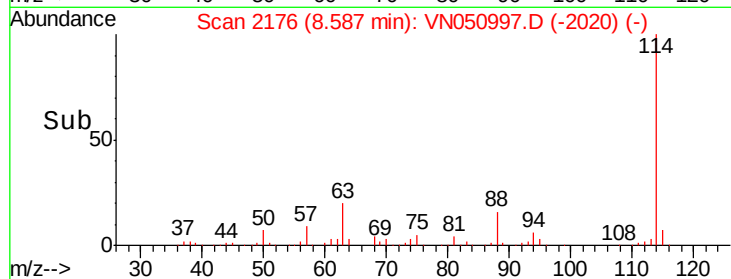
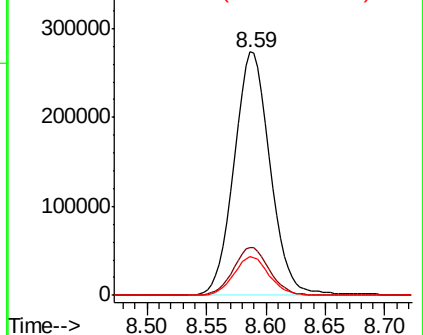
#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN050997.D
 Acq: 31 Aug 2018 19:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0831WBL02

Tot Ion:114 Resp: 576486
 Ion Ratio Lower Upper
 114 100
 63 19.7 15.6 23.4
 88 15.5 12.2 18.4

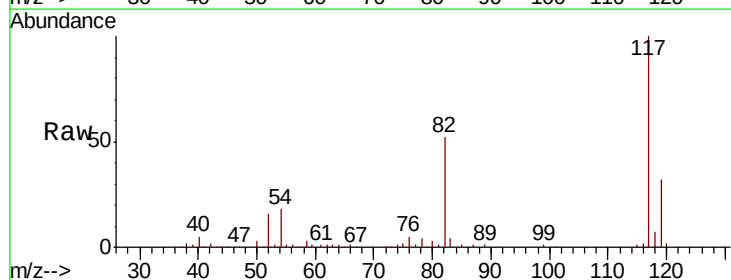


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

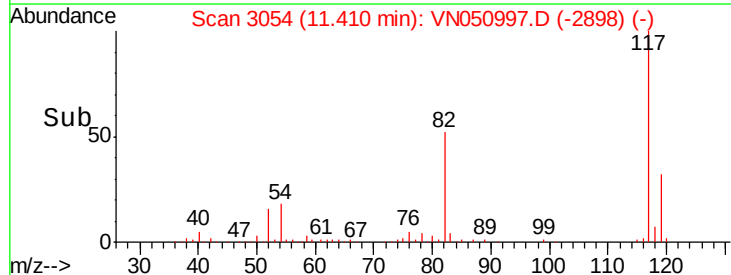
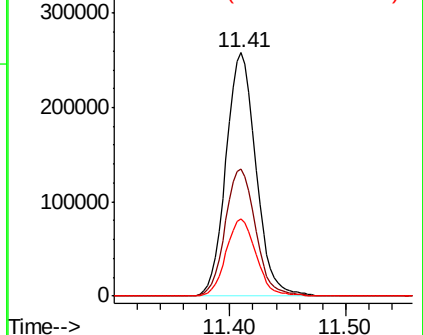


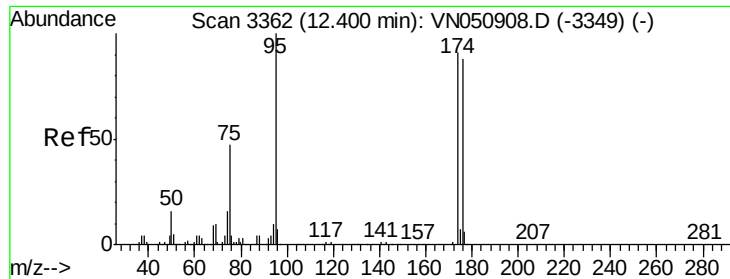
#57
 Chlorobenzene-d5
 Concen: 30.00 ug/l
 RT: 11.41 min Scan# 3054
 Delta R.T. 0.00 min
 Lab File: VN050997.D
 Acq: 31 Aug 2018 19:21

Tgt Ion:117 Resp: 463553
 Ion Ratio Lower Upper
 117 100
 82 52.9 42.6 64.0
 119 31.8 25.7 38.5



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





#60

4-Bromofluorobenzene

Concen: 20.42 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050997.D

Acq: 31 Aug 2018 19:21

Instrument :

MSVOA_N

ClientSampled :

VN0831WBL02

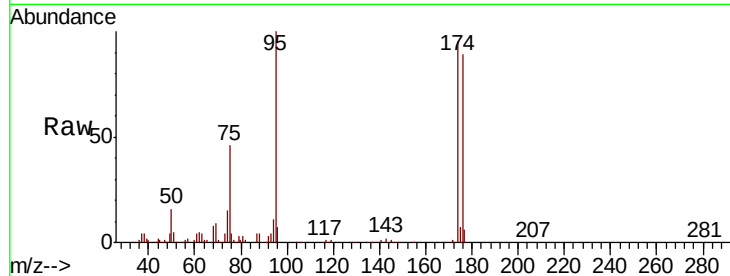
Tot Ion: 95 Resp: 140724

Ion Ratio Lower Upper

95 100

174 93.1 74.6 112.0

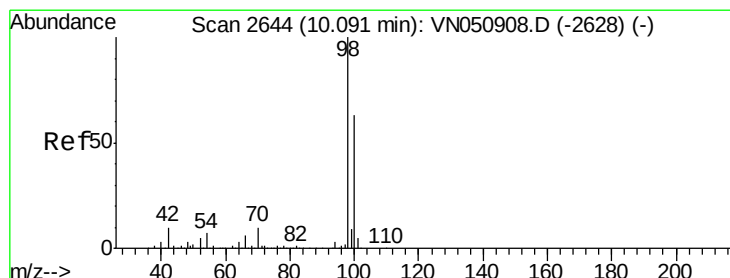
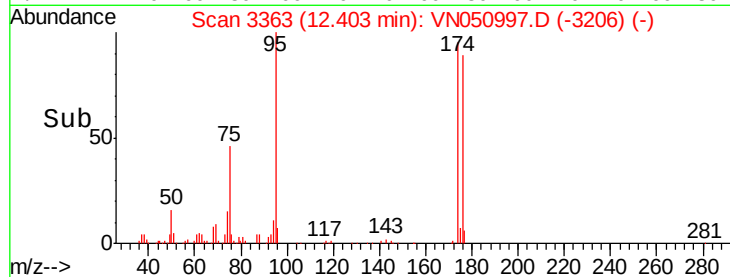
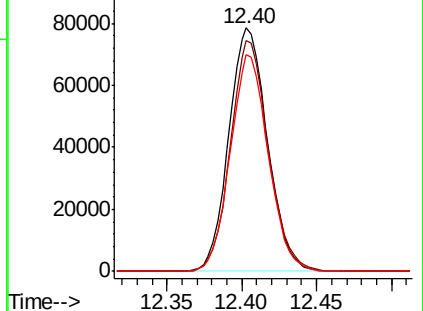
176 87.6 71.5 107.3



Abundance Ion 95.00 (94.70 to 95.70): VN050997.D (-3349) (-)

Ion 174.00 (173.70 to 174.70): VN050997.D (-3349) (-)

Ion 176.00 (175.70 to 176.70): VN050997.D (-3349) (-)



#63

Toluene-d8

Concen: 31.19 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050997.D

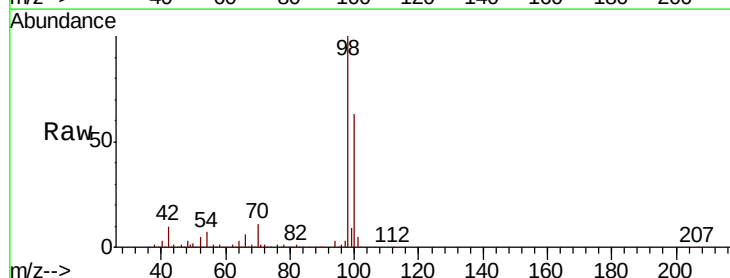
Acq: 31 Aug 2018 19:21

Tgt Ion: 98 Resp: 674152

Ion Ratio Lower Upper

98 100

100 63.1 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN050997.D (-2488) (-)

Ion 100.00 (99.70 to 100.70): VN050997.D (-2488) (-)

