

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092818\
 Data File : VN051617.D
 Acq On : 28 Sep 2018 15:30
 Operator : MD\SY
 Sample : VN0928WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBL01

Quant Time: Sep 29 04:53:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Sep 29 01:07:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	113208	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	568387	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	465245	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	239750	30.42	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.40%
60) 4-Bromofluorobenzene	12.40	95	152922	21.38	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	71.27%
63) Toluene-d8	10.09	98	650377	29.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.77%

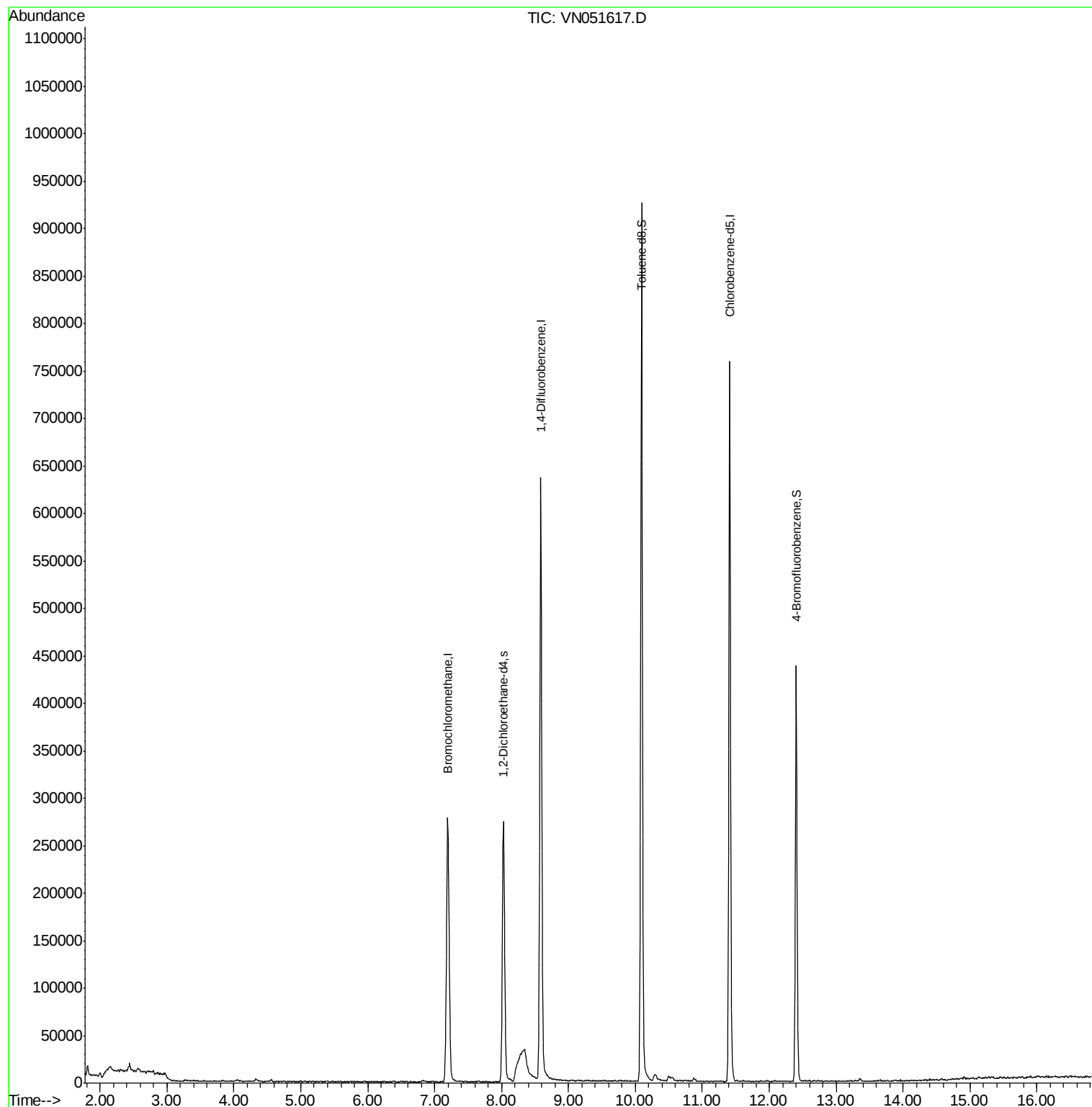
Target Compounds	Ovalue

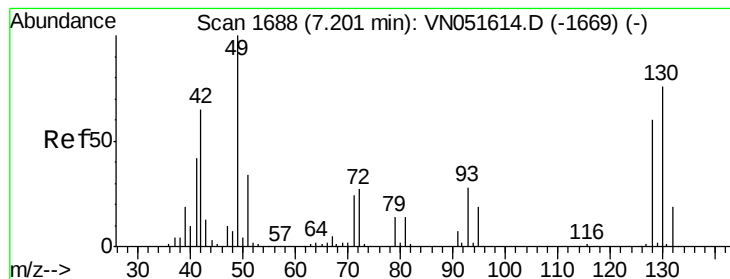
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 29 04:53:43 2018
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Sep 29 01:07:29 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051617.D

Acq: 28 Sep 2018 15:30

Instrument :
MSVOA_N
ClientSampled :
VN0928WBL01

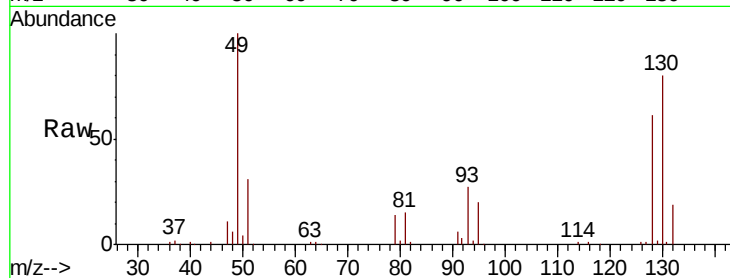
Tot Ion:128 Resp: 113208

Ion Ratio Lower Upper

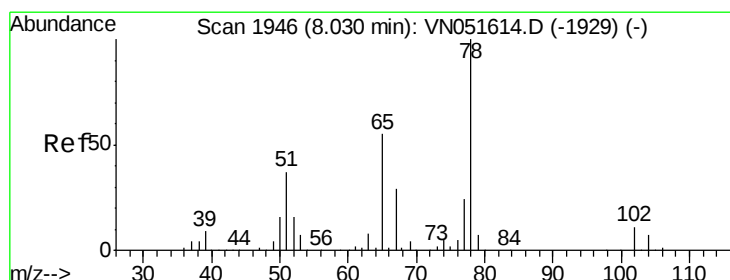
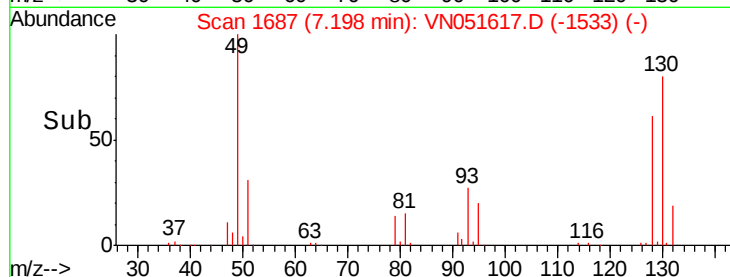
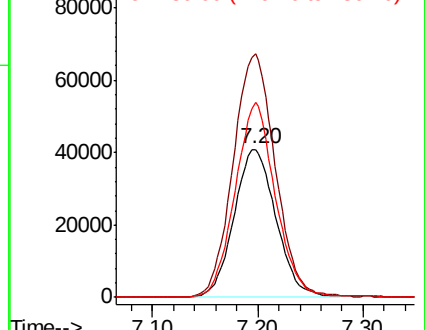
128 100

49 165.0 0.0 426.8

130 126.2 0.0 326.3



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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051617.D

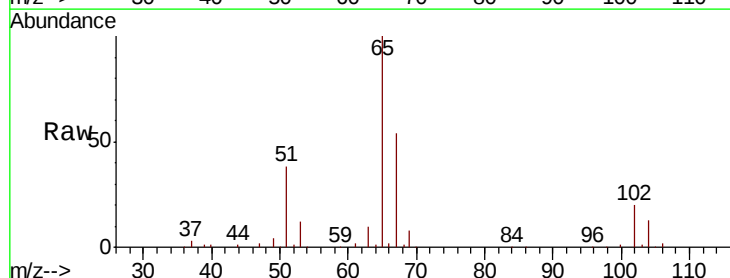
Acq: 28 Sep 2018 15:30

Tgt Ion: 65 Resp: 239750

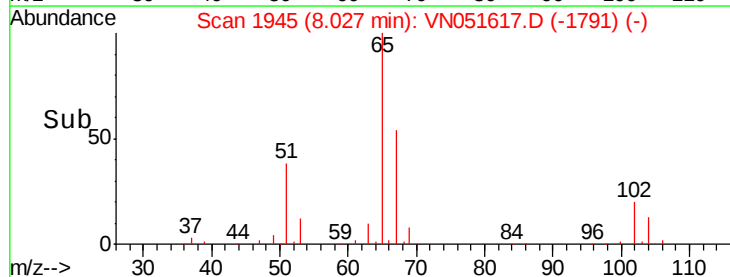
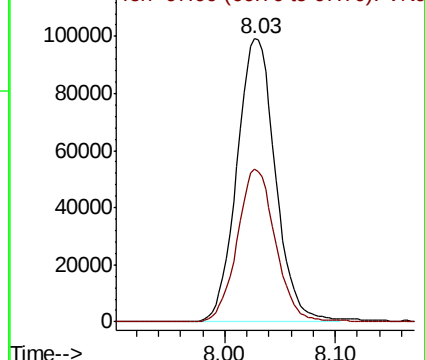
Ion Ratio Lower Upper

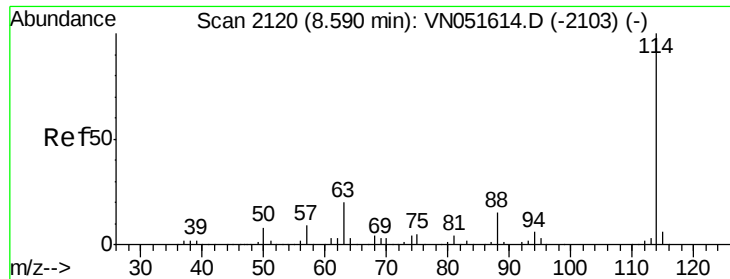
65 100

67 53.3 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VN
Ion 67.00 (66.70 to 67.70): VN

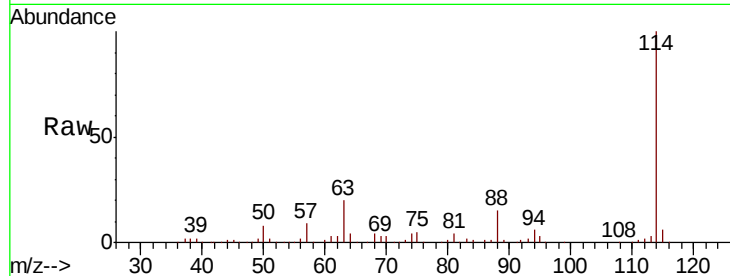




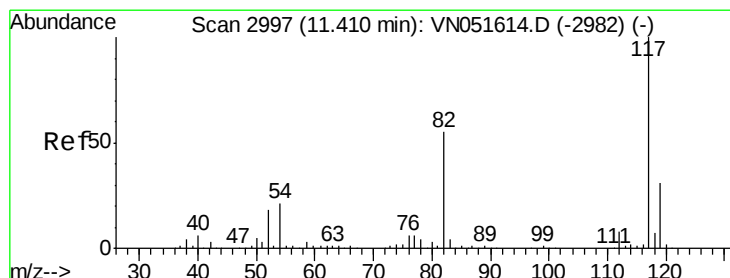
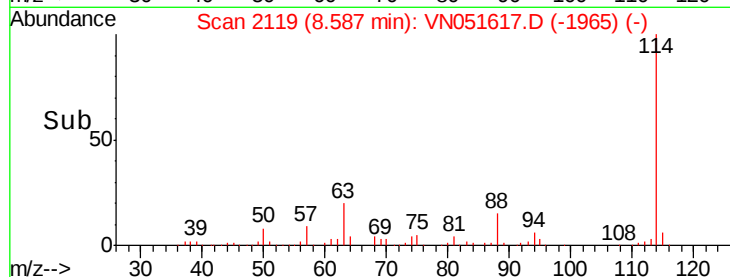
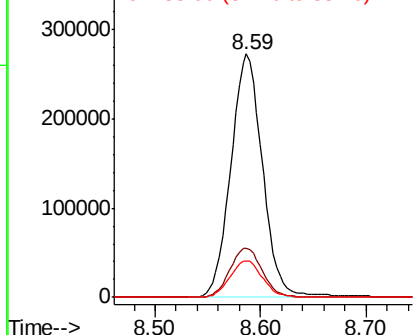
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051617.D
 Acq: 28 Sep 2018 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0928WBL01

Tot Ion:114 Resp: 568387
 Ion Ratio Lower Upper
 114 100
 63 20.8 16.4 24.6
 88 15.5 12.6 18.8

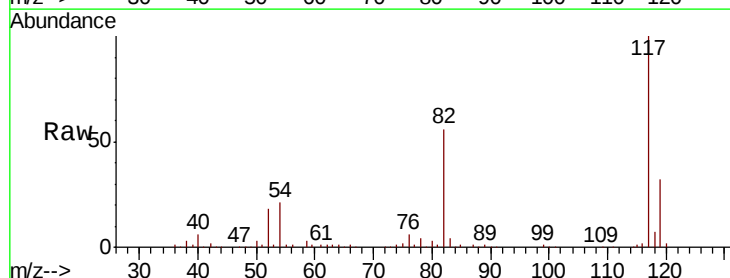


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

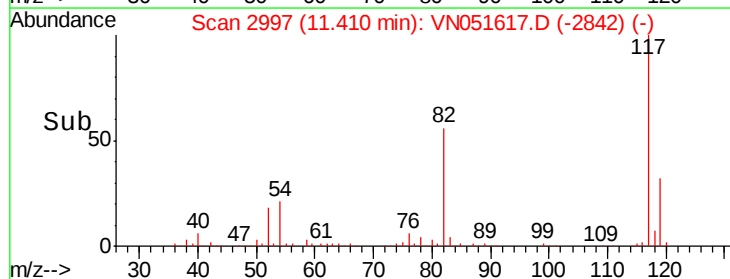
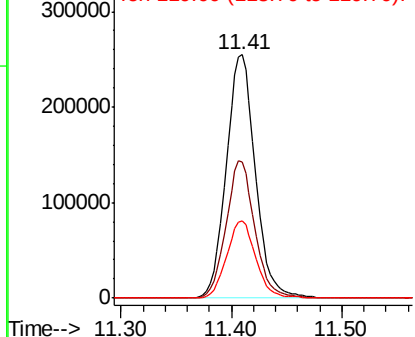


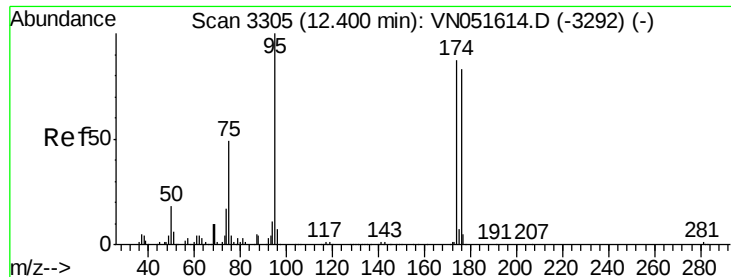
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2997
 Delta R.T. -0.00 min
 Lab File: VN051617.D
 Acq: 28 Sep 2018 15:30

Tgt Ion:117 Resp: 465245
 Ion Ratio Lower Upper
 117 100
 82 55.7 44.2 66.2
 119 31.8 25.2 37.8



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: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051617.D

Acq: 28 Sep 2018 15:30

Instrument :

MSVOA_N

ClientSampleId :

VN0928WBL01

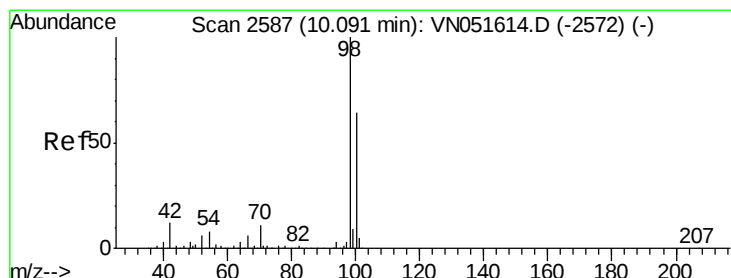
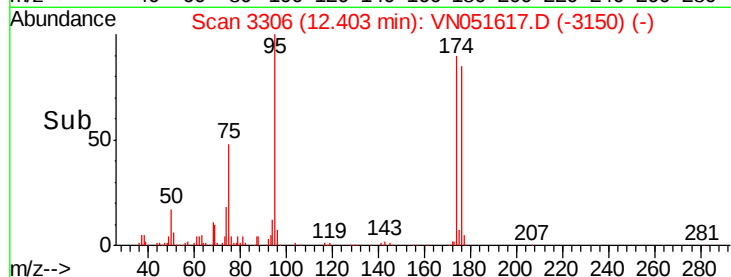
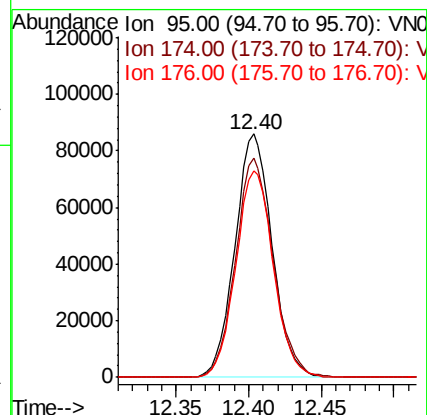
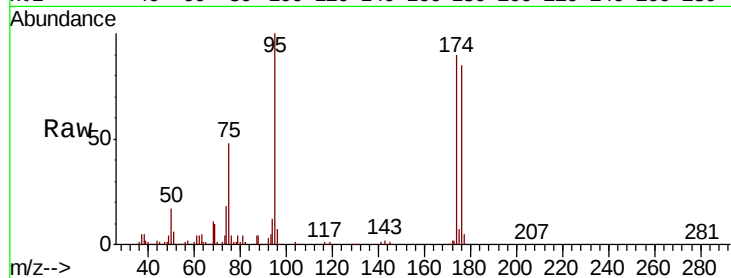
Tot Ion: 95 Resp: 152922

Ion Ratio Lower Upper

95 100

174 91.2 71.2 106.8

176 85.7 67.8 101.8



#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051617.D

Acq: 28 Sep 2018 15:30

Tgt Ion: 98 Resp: 650377

Ion Ratio Lower Upper

98 100

100 62.7 51.4 77.0

