

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071319\
 Data File : VN056693.D
 Acq On : 12 Jul 2019 17:27
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Jul 13 00:51:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	46862	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	246161	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	196331	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.03	65	95069	29.95	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.83%
60) 4-Bromofluorobenzene	12.40	95	71890	23.93	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	79.77%
63) Toluene-d8	10.09	98	285667	31.84	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	106.13%

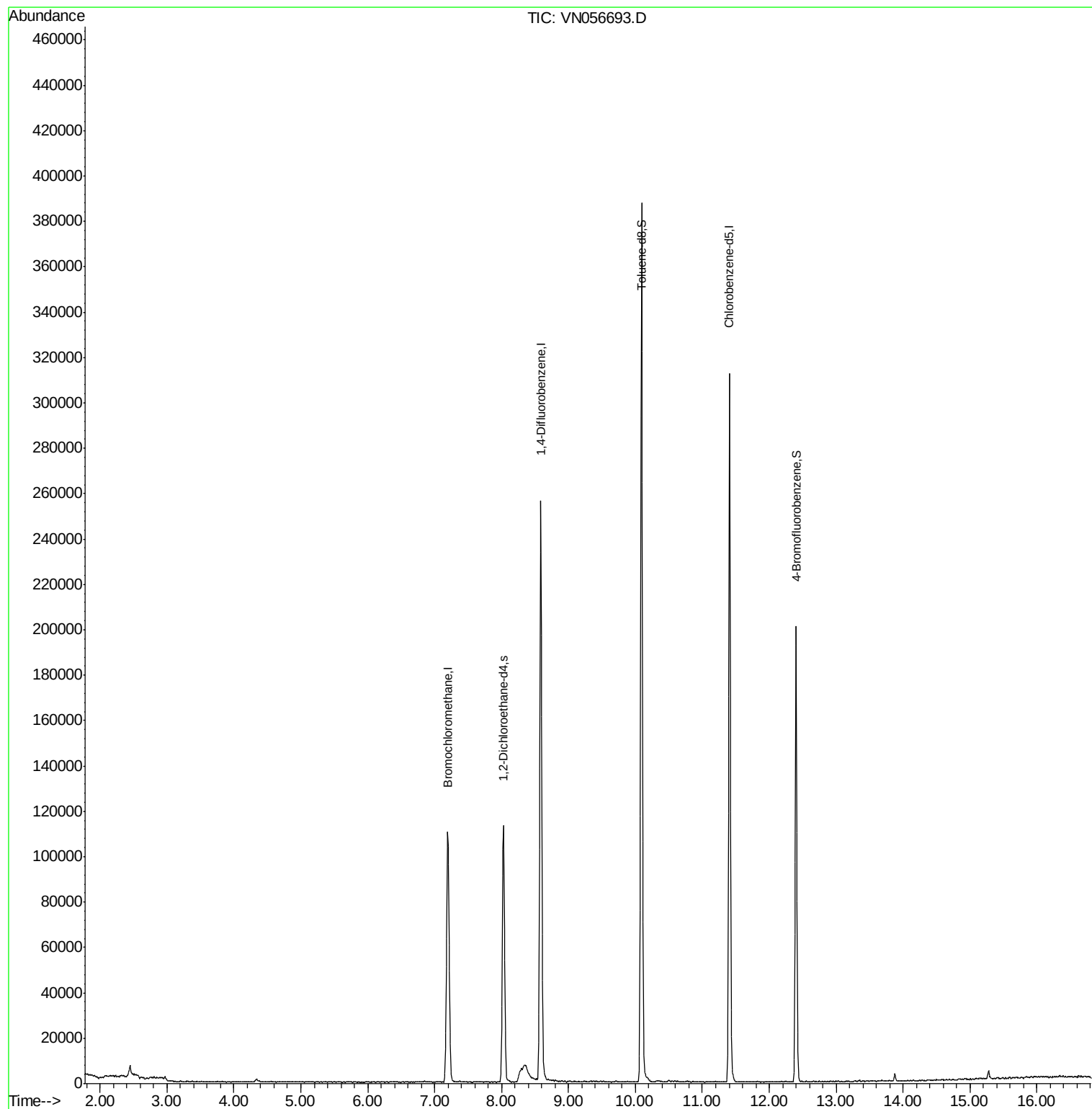
Target Compounds	Ovalue

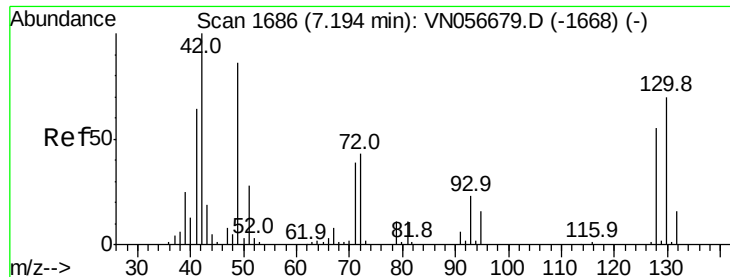
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056693.D

Acq: 12 Jul 2019 17:27

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

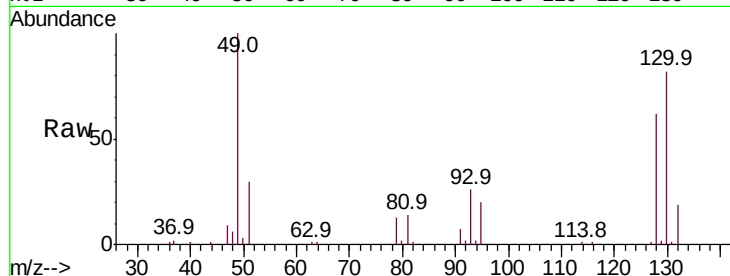
Tot Ion:128 Resp: 46862

Ion Ratio Lower Upper

128 100

49 158.3 0.0 390.5

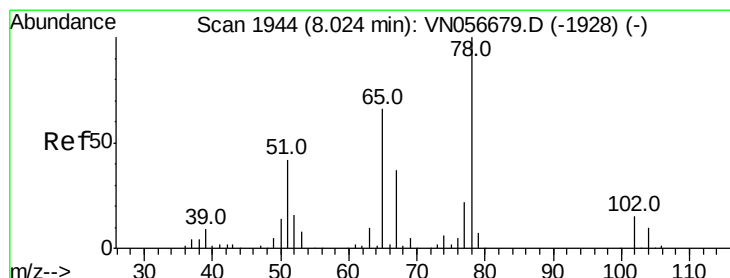
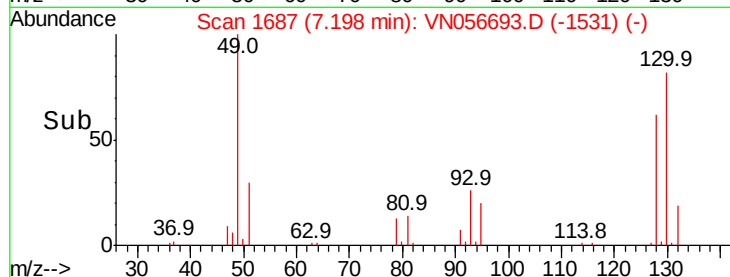
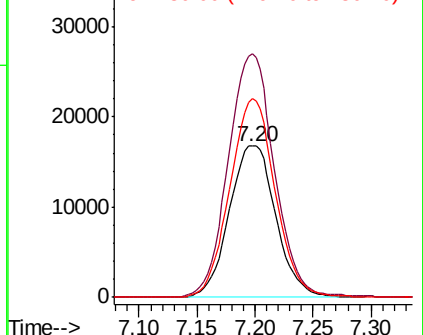
130 127.4 0.0 316.5



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: 29.949 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056693.D

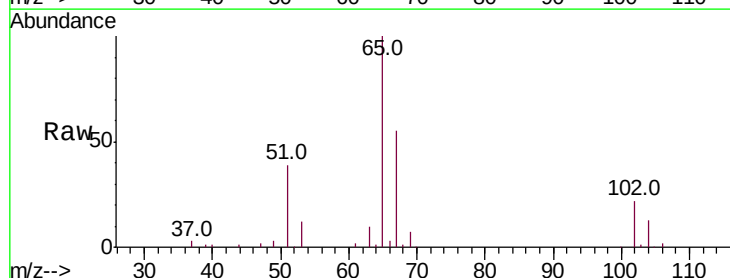
Acq: 12 Jul 2019 17:27

Tgt Ion: 65 Resp: 95069

Ion Ratio Lower Upper

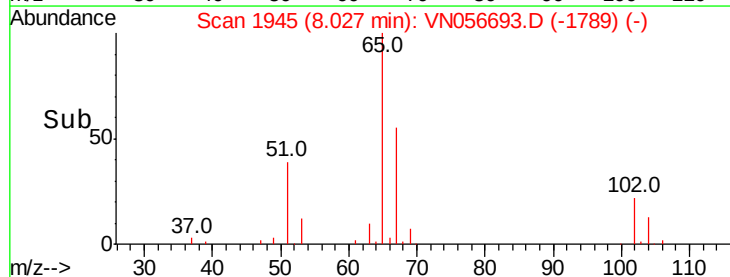
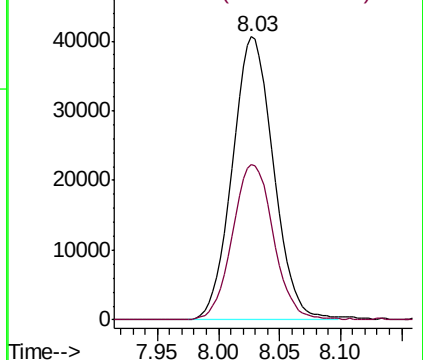
65 100

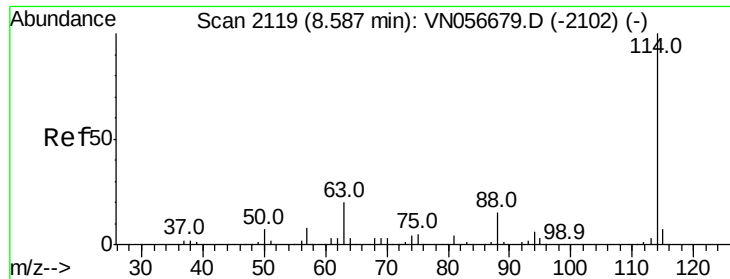
67 54.4 43.4 65.0



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

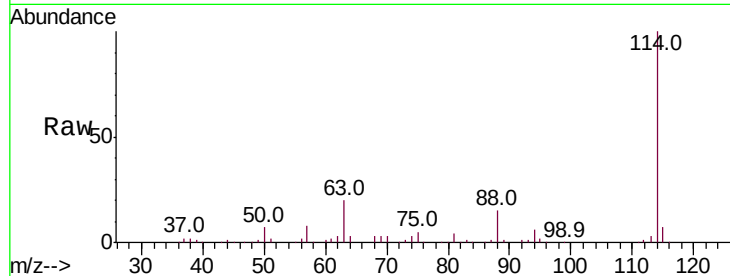




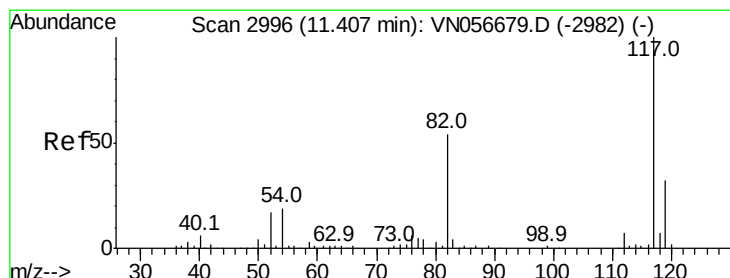
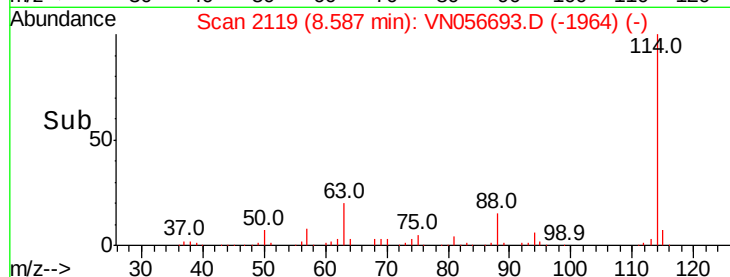
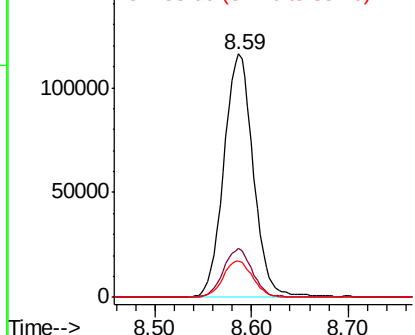
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN056693.D
 Acq: 12 Jul 2019 17:27

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion:114 Resp: 246161
 Ion Ratio Lower Upper
 114 100
 63 19.7 16.2 24.2
 88 15.0 12.3 18.5

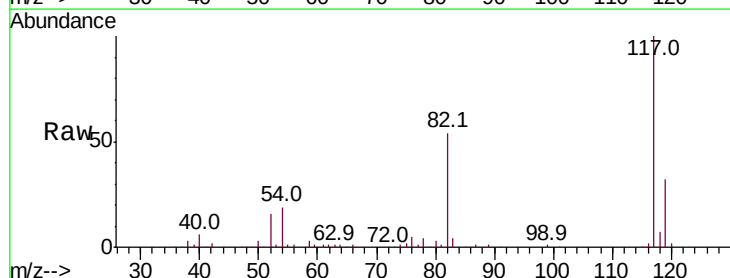


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 88.00 (87.70 to 88.70): VN

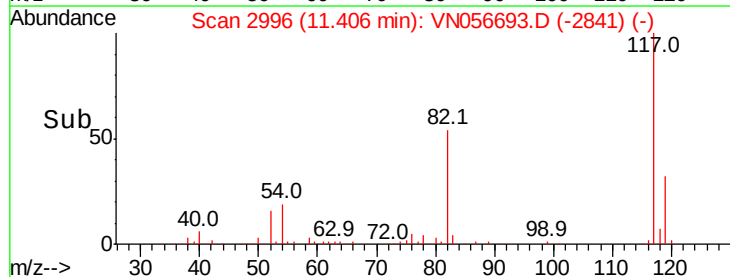
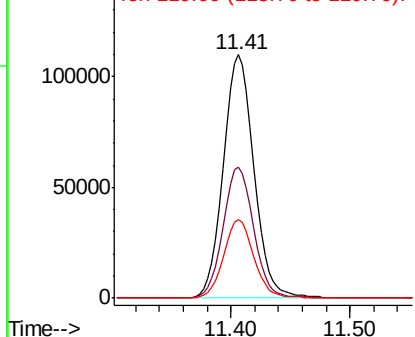


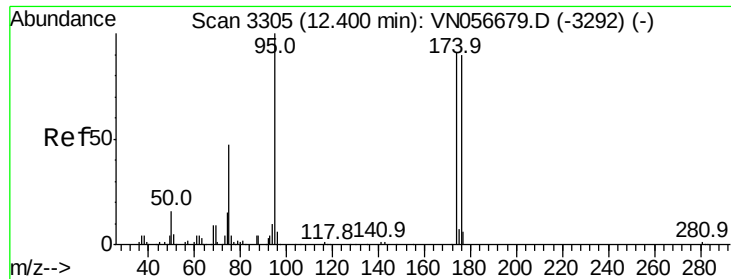
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN056693.D
 Acq: 12 Jul 2019 17:27

Tgt Ion:117 Resp: 196331
 Ion Ratio Lower Upper
 117 100
 82 53.6 43.0 64.4
 119 31.8 26.0 39.0



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: 23.926 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056693.D

Acq: 12 Jul 2019 17:27

Instrument :

MSVOA_N

ClientSampled :

I.BLK

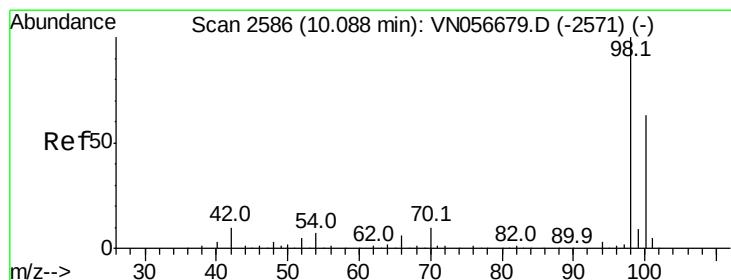
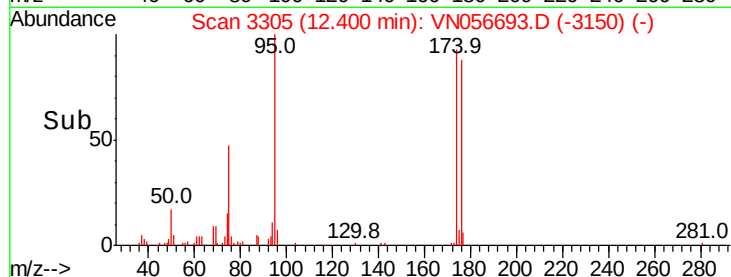
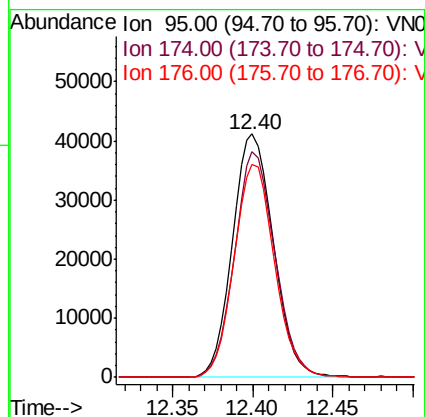
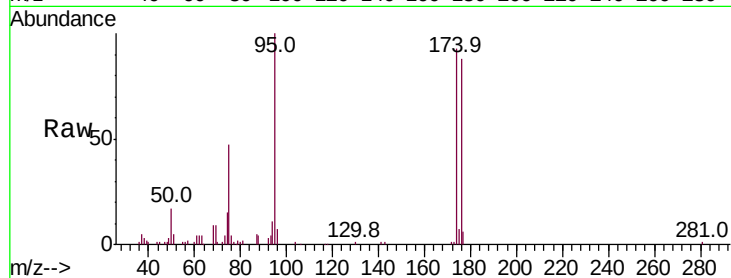
Tot Ion: 95 Resp: 71890

Ion Ratio Lower Upper

95 100

174 91.3 72.6 108.8

176 86.3 71.0 106.6



#63

Toluene-d8

Concen: 31.845 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056693.D

Acq: 12 Jul 2019 17:27

Tgt Ion: 98 Resp: 285667

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7

