

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016111.D
 Acq On : 08 May 2020 11:07
 Operator : JC/SP
 Sample : VX0508WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBL01

Quant Time: May 09 02:38:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	52663	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	295528	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	262978	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	118234	29.21	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.37%
60) 4-Bromofluorobenzene	11.12	95	123348	27.97	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.23%
63) Toluene-d8	8.70	98	350891	31.10	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.67%

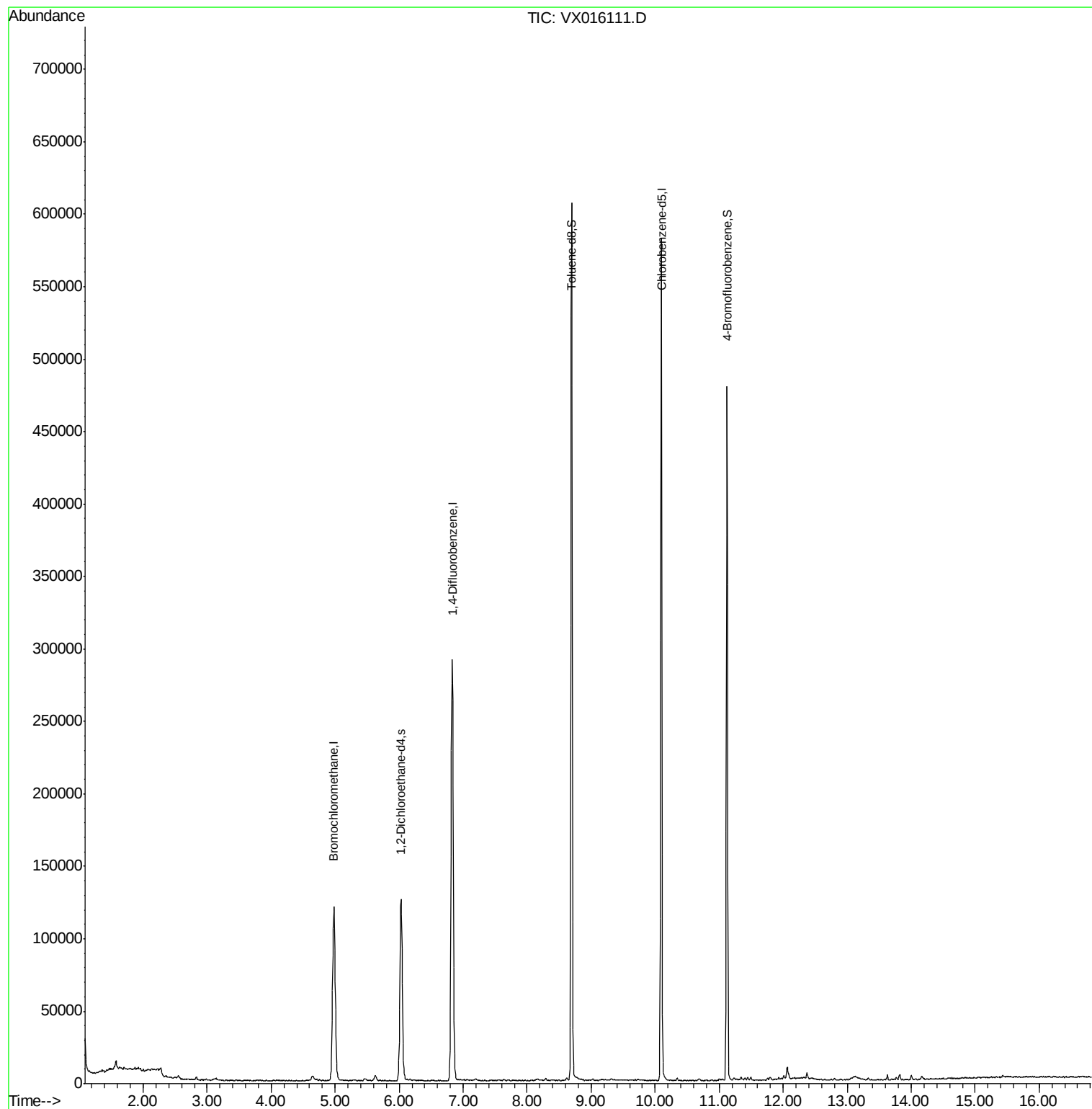
Target Compounds	Ovalue

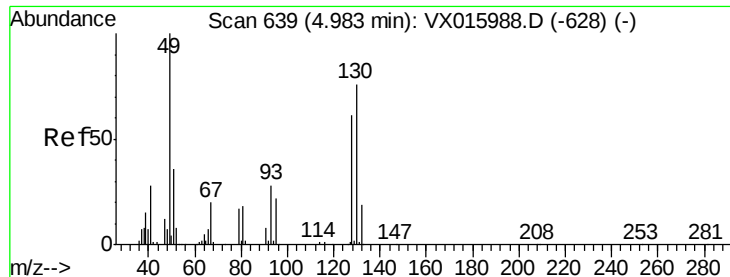
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 09 02:38:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX016111.D

Acq: 08 May 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBL01

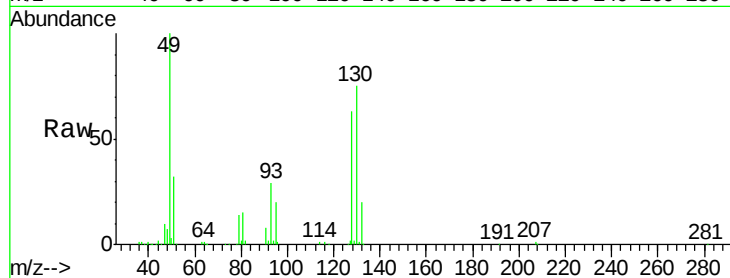
Tot Ion:128 Resp: 52663

Ion Ratio Lower Upper

128 100

49 164.0 0.0 418.5

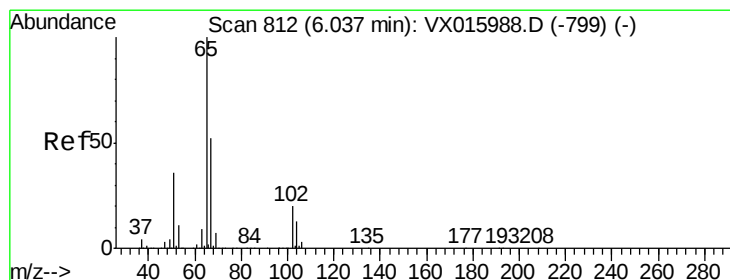
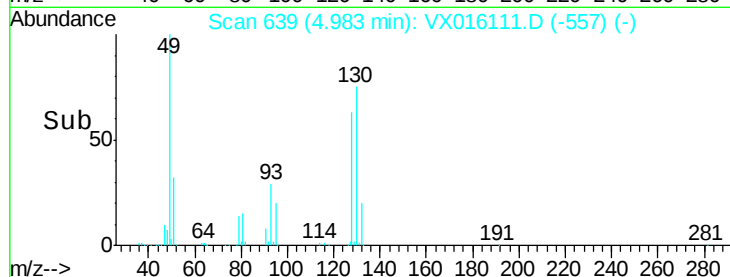
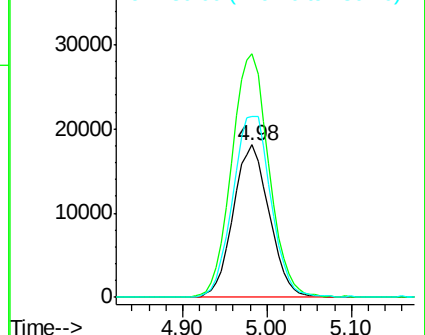
130 125.6 0.0 326.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 29.213 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX016111.D

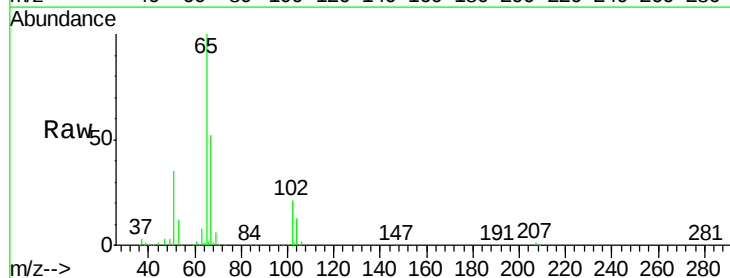
Acq: 08 May 2020 11:07

Tgt Ion: 65 Resp: 118234

Ion Ratio Lower Upper

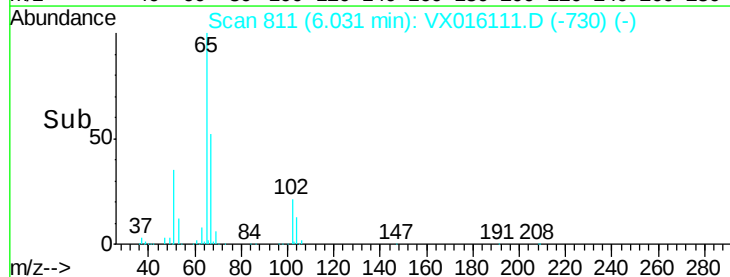
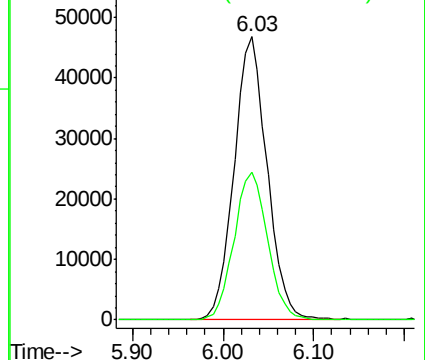
65 100

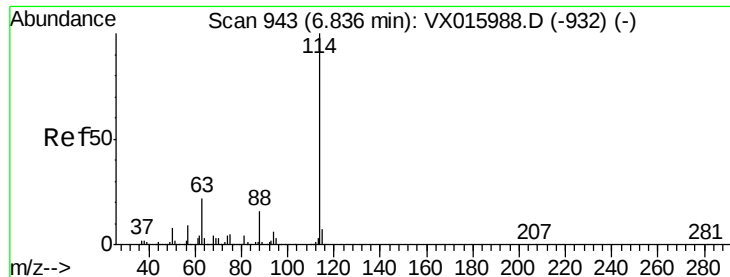
67 53.3 41.0 61.4



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX016111.D

Acq: 08 May 2020 11:07

Instrument :

MSVOA_X

ClientSampleId :

VX0508WBL01

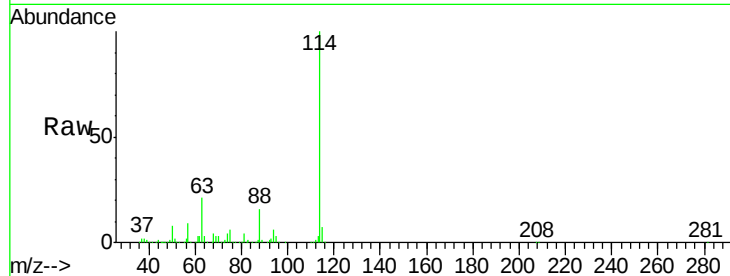
Tot Ion:114 Resp: 295528

Ion Ratio Lower Upper

114 100

63 21.1 17.1 25.7

88 16.3 13.0 19.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

150000

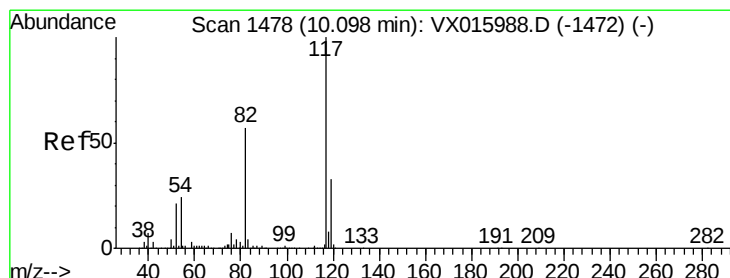
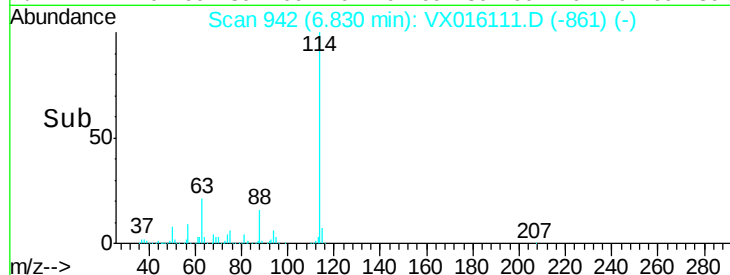
100000

50000

0

6.75 6.80 6.85 6.90 6.95

Time-->



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016111.D

Acq: 08 May 2020 11:07

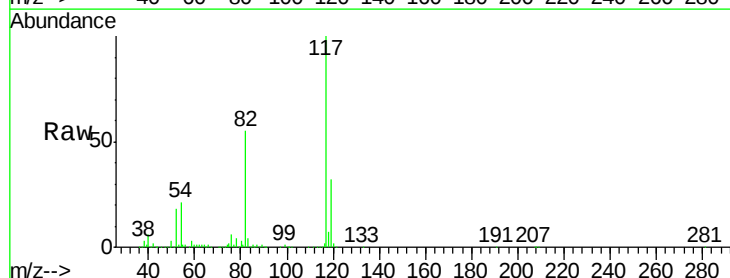
Tgt Ion:117 Resp: 262978

Ion Ratio Lower Upper

117 100

82 56.3 45.1 67.7

119 32.2 25.6 38.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

250000

200000

150000

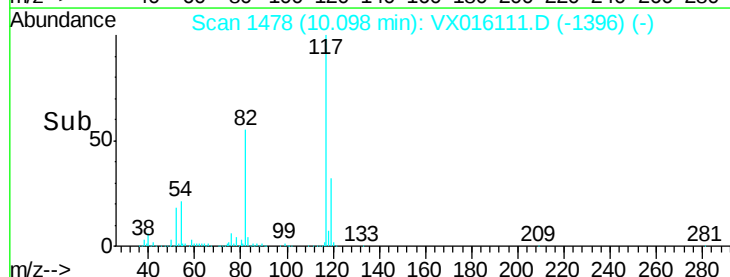
100000

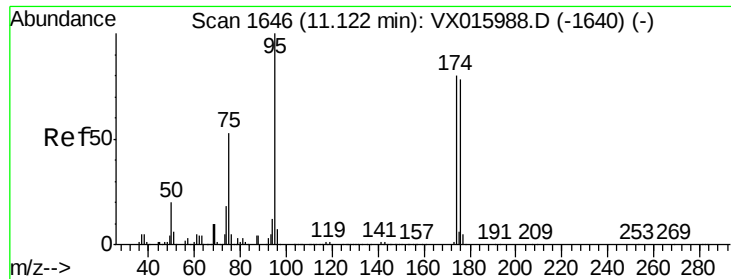
50000

0

10.05 10.10 10.15

Time-->

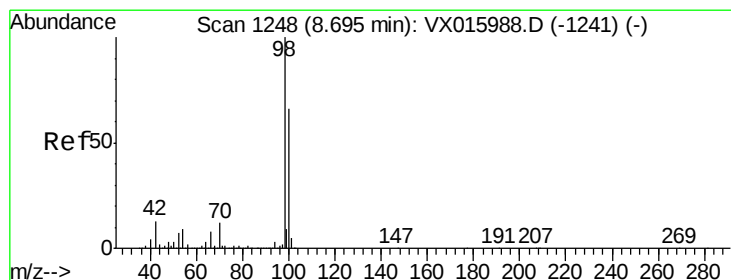
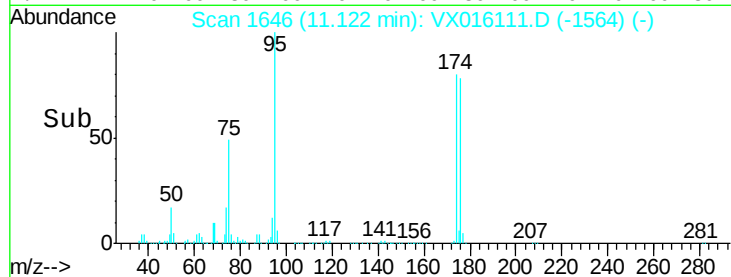
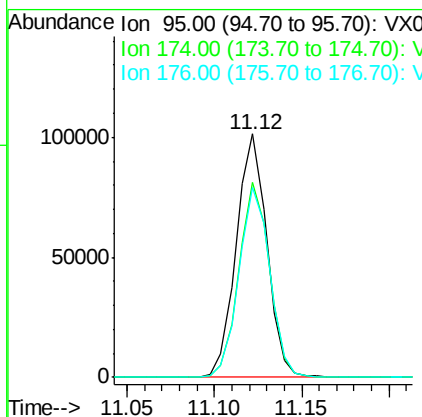
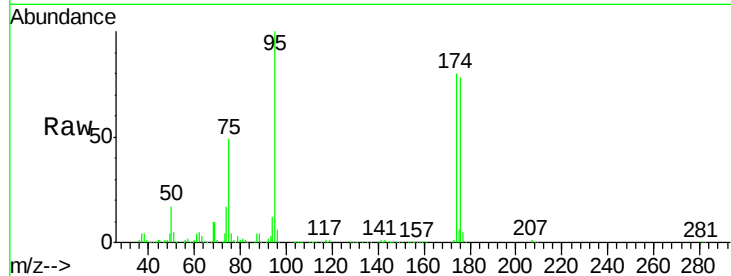




#60
4-Bromofluorobenzene
Concen: 27.970 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016111.D
Acq: 08 May 2020 11:07

Instrument :
MSVOA_X
ClientSampled :
VX0508WBL01

Tot Ion	95	Resp	123348
Ion Ratio	Lower	Upper	
95	100		
174	80.5	64.8	97.2
176	79.2	62.4	93.6



#63
Toluene-d8
Concen: 31.104 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016111.D
Acq: 08 May 2020 11:07

Tgt Ion	98	Resp	350891
Ion Ratio	Lower	Upper	
98	100		
100	65.9	52.5	78.7

