

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041123\  
 Data File : VX034999.D  
 Acq On : 11 Apr 2023 09:39  
 Operator : JC/MD  
 Sample : VX0411MBL01  
 Misc : 5.00g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VBLK619

Quant Time: Apr 12 01:55:44 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041023WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Apr 12 01:54:54 2023  
 Response via : Initial Calibration

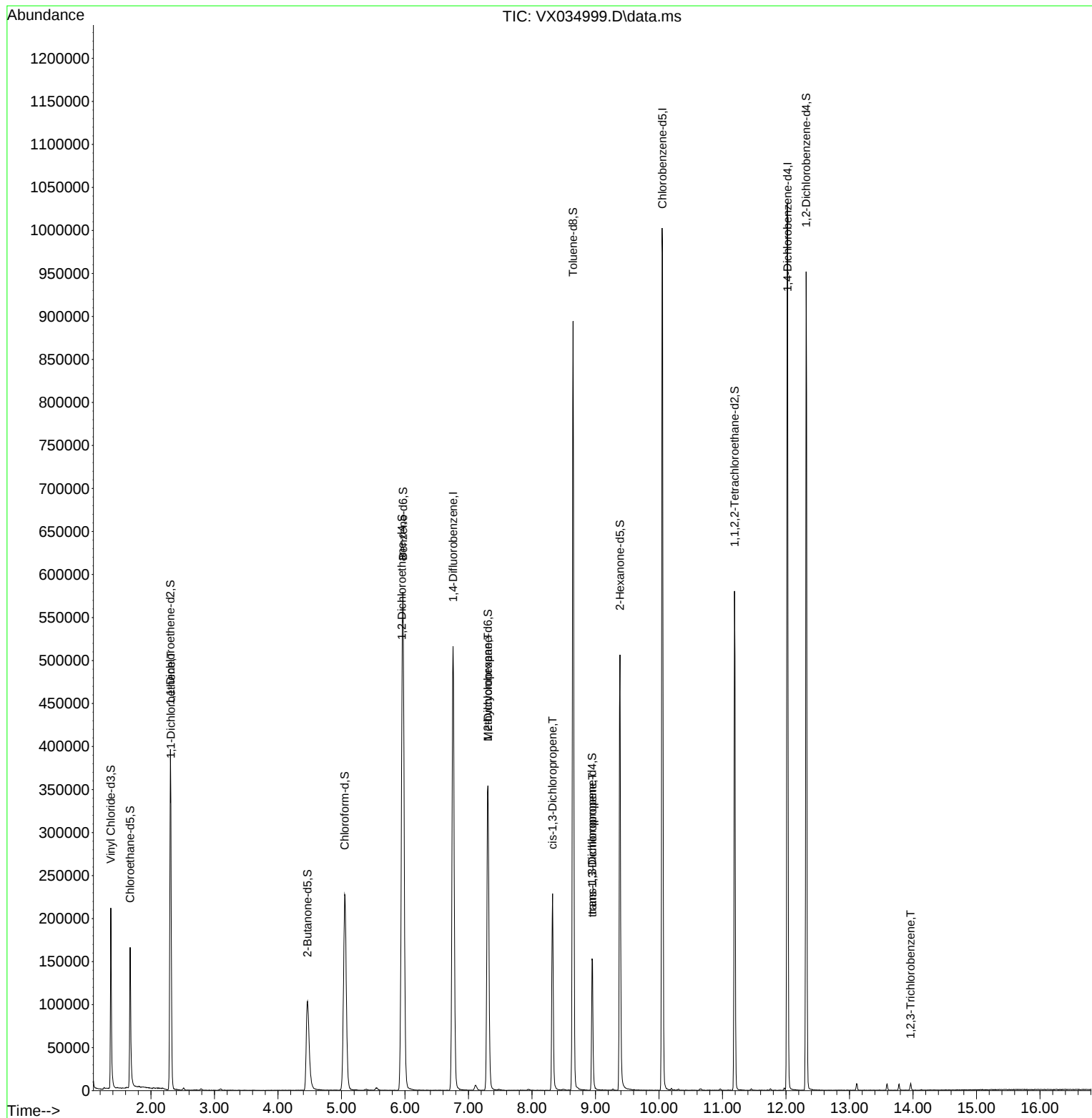
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.757   | 114   | 517370   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 452497   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 213214   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 143621   | 41.678   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 83.360%  |
| 7) Chloroethane-d5            | 1.673   | 69    | 114329   | 45.297   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 90.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.307   | 63    | 222173   | 31.806   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 63.620%  |
| 21) 2-Butanone-d5             | 4.465   | 46    | 215482   | 94.084   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 94.080%  |
| 24) Chloroform-d              | 5.050   | 84    | 282074   | 42.954   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 85.900%  |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 198111   | 43.948   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 87.900%  |
| 32) Benzene-d6                | 5.971   | 84    | 572247   | 45.302   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.600%  |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 179747   | 46.257   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 92.520%  |
| 41) Toluene-d8                | 8.647   | 98    | 507470   | 43.862   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 87.720%  |
| 43) trans-1,3-Dichloroprop... | 8.946   | 79    | 71511    | 40.074   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 80.140%  |
| 47) 2-Hexanone-d5             | 9.385   | 63    | 142212   | 91.565   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 91.570%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 213123   | 44.134   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 88.260%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 181719   | 46.447   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 92.900%  |
| Target Compounds              |         |       |          |          |        |          |
| 12) 1,1-Dichloroethene        | 2.313   | 96    | 1882     | 0.572    | ug/L # | 1        |
| 35) Methylcyclohexane         | 7.306   | 83    | 44293    | 7.897    | ug/L # | 18       |
| 39) cis-1,3-Dichloropropene   | 8.324   | 75    | 5633     | 0.964    | ug/L # | 69       |
| 44) trans-1,3-Dichloropropene | 8.952   | 75    | 3885     | 0.722    | ug/L   | 88       |
| 72) 1,2,3-Trichlorobenzene    | 13.963  | 180   | 2121     | 0.523    | ug/L   | 96       |

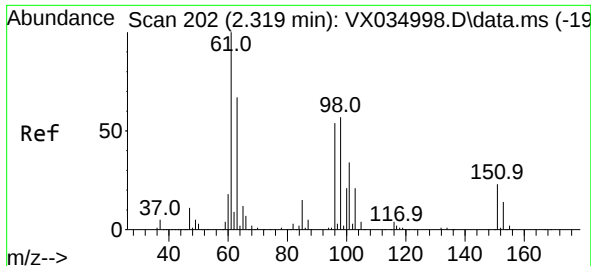
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041123\  
Data File : VX034999.D  
Acq On : 11 Apr 2023 09:39  
Operator : JC/MD  
Sample : VX0411MBL01  
Misc : 5.00g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VBLK619

Quant Time: Apr 12 01:55:44 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041023WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Apr 12 01:54:54 2023  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.572 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX034999.D

Acq: 11 Apr 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

VBLK619

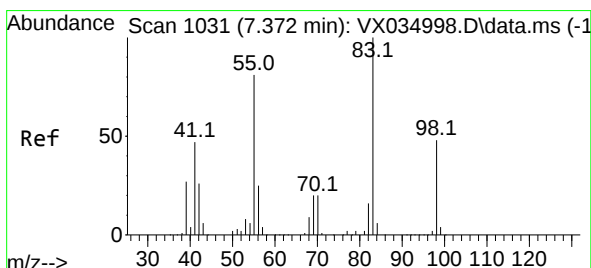
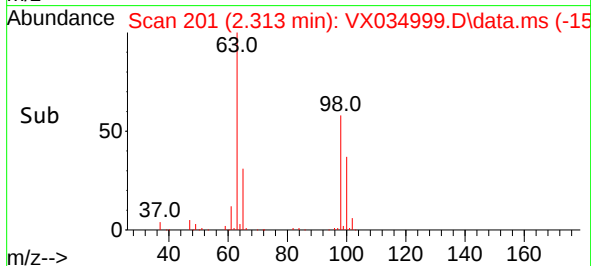
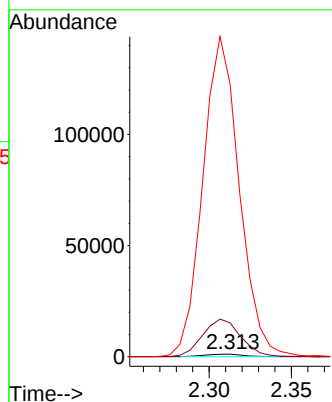
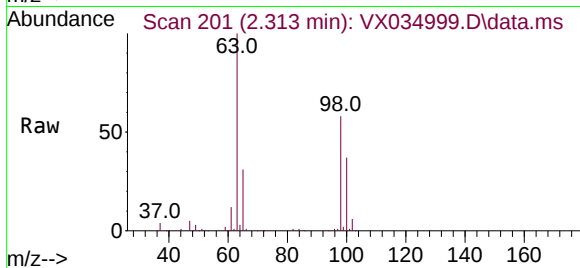
Tgt Ion: 96 Resp: 1882

Ion Ratio Lower Upper

96 100

61 1350.8 132.4 245.8#

63 10906.8 105.5 195.9#



#35

Methylcyclohexane

Concen: 7.897 ug/L

RT: 7.306 min Scan# 1020

Delta R.T. -0.067 min

Lab File: VX034999.D

Acq: 11 Apr 2023 09:39

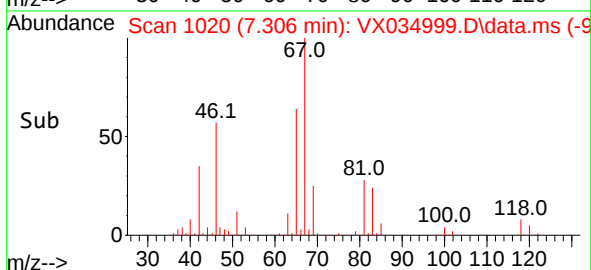
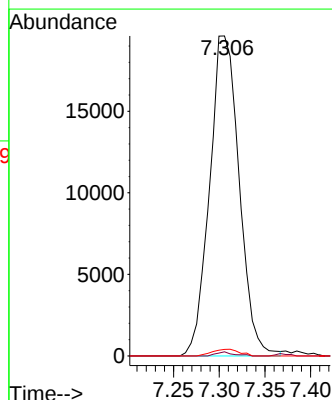
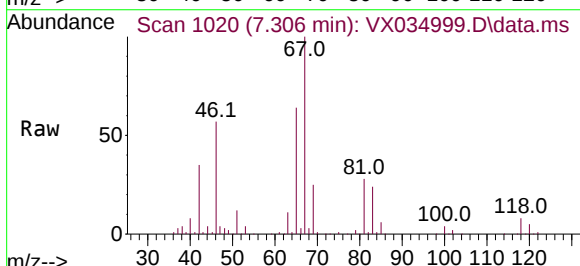
Tgt Ion: 83 Resp: 44293

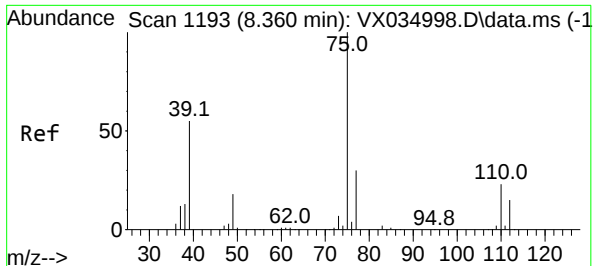
Ion Ratio Lower Upper

83 100

55 0.7 65.0 97.6#

98 1.9 38.7 58.1#





#39

cis-1,3-Dichloropropene

Concen: 0.964 ug/L

RT: 8.324 min Scan# 1193

Delta R.T. -0.036 min

Lab File: VX034999.D

Acq: 11 Apr 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

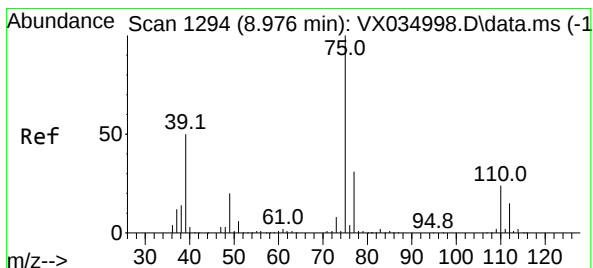
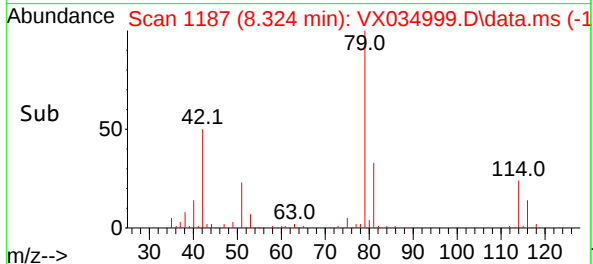
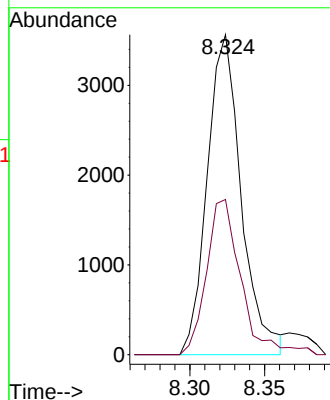
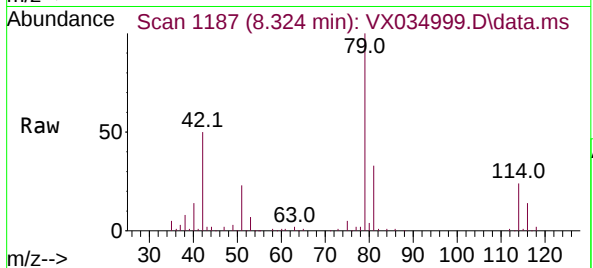
VBLK619

Tgt Ion: 75 Resp: 5633

Ion Ratio Lower Upper

75 100

77 48.5 21.9 40.7#



#44

trans-1,3-Dichloropropene

Concen: 0.722 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX034999.D

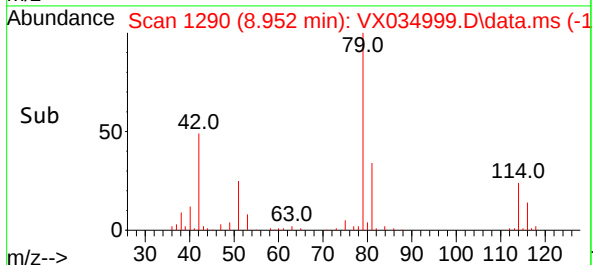
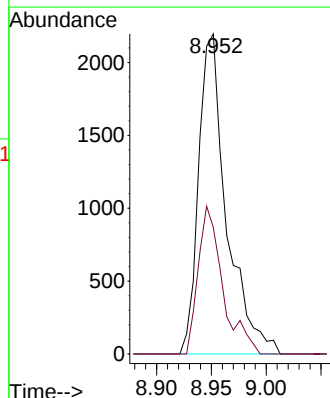
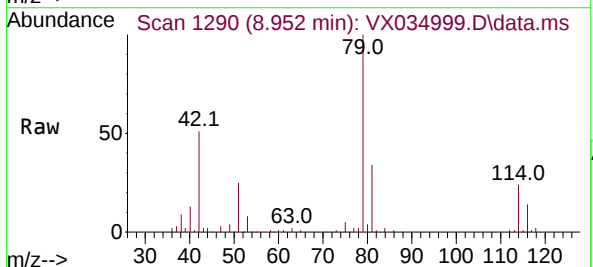
Acq: 11 Apr 2023 09:39

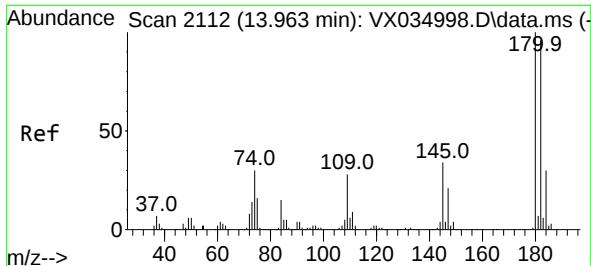
Tgt Ion: 75 Resp: 3885

Ion Ratio Lower Upper

75 100

77 39.5 22.9 42.5





#72

1,2,3-Trichlorobenzene

Concen: 0.523 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX034999.D

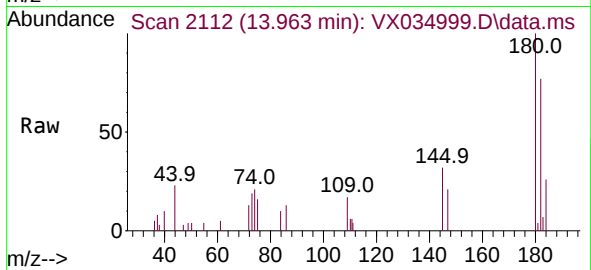
Acq: 11 Apr 2023 09:39

Instrument :

MSVOA\_X

ClientSampleId :

VBLK619



Tgt Ion:180 Resp: 2121

Ion Ratio Lower Upper

180 100

182 93.3 76.6 114.8

145 38.6 28.0 42.0

