

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061523\  
 Data File : VW026203.D  
 Acq On : 15 Jun 2023 15:05  
 Operator : SY/MD  
 Sample : 03236-01  
 Misc : 5.54g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBTX8

Quant Time: Jun 16 06:22:09 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 14 23:24:58 2023  
 Response via : Initial Calibration

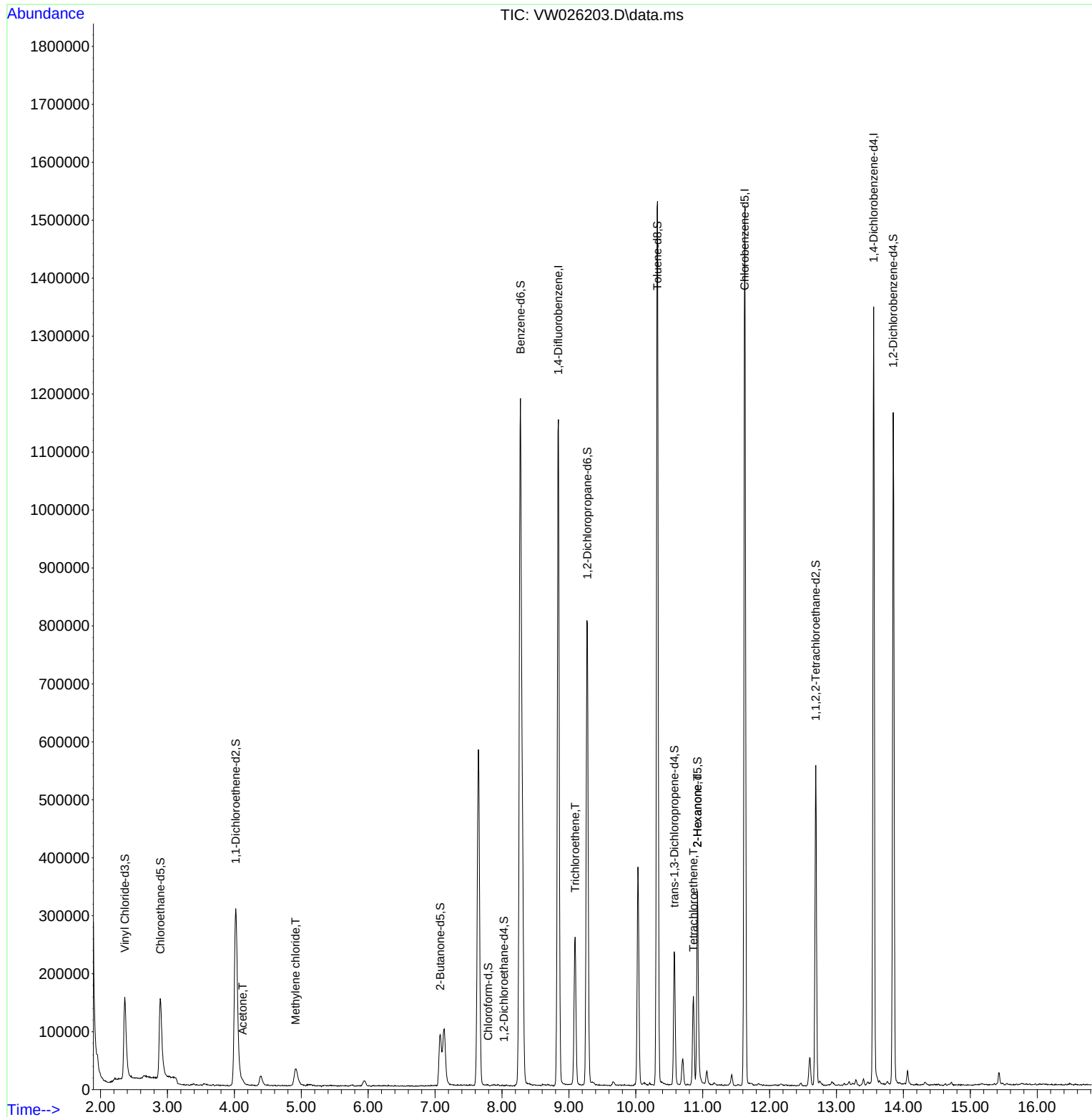
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 913709   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 762618   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 305257   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 233398   | 18.158   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 72.640%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 217716   | 22.626   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 90.520%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 123787   | 19.530   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 78.120%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 161575   | 43.176   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 86.360%  |
| 24) Chloroform-d              | 7.795  | 84    | 247      | 0.009    | ug/L   | 0.15     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 0.040%#  |
| 26) 1,2-Dichloroethane-d4     | 8.026  | 65    | 64       | 0.004    | ug/L   | -0.27    |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 0.000%#  |
| 32) Benzene-d6                | 8.276  | 84    | 1163246  | 22.669   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 90.680%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 381424   | 23.462   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 93.840%  |
| 41) Toluene-d8                | 10.325 | 98    | 991961   | 21.797   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 87.200%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 127232   | 19.750   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 79.000%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 108682   | 42.397   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 84.800%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 272470   | 23.032   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 92.120%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 277693   | 23.767   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 95.080%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.125  | 43    | 8072     | 2.788    | ug/L   | 67       |
| 16) Methylene chloride        | 4.917  | 84    | 25892    | 1.775    | ug/L   | 97       |
| 34) Trichloroethene           | 9.093  | 95    | 89210    | 6.669    | ug/L   | 96       |
| 46) Tetrachloroethene         | 10.861 | 164   | 33254    | 3.515    | ug/L   | 95       |
| 48) 2-Hexanone                | 10.922 | 43    | 18669    | 3.174    | ug/L # | 68       |
| -----                         |        |       |          |          |        |          |

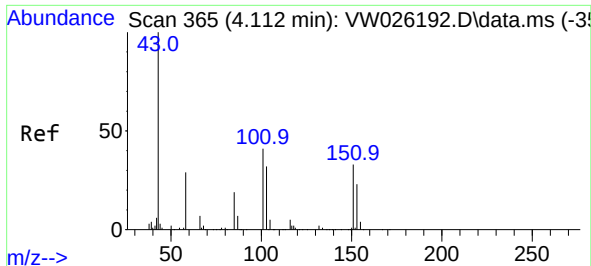
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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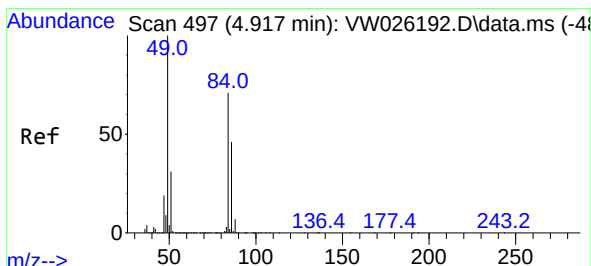
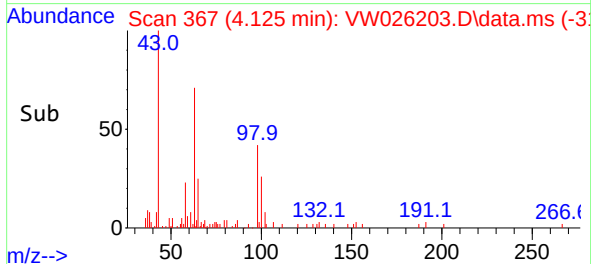
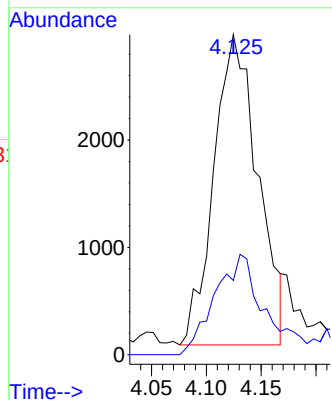
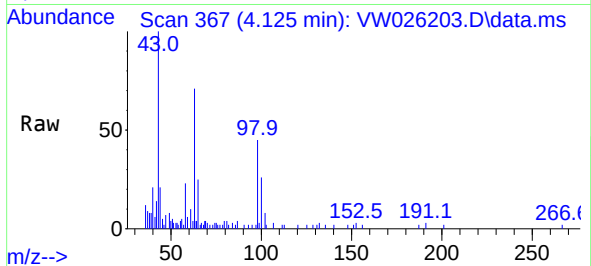




#13  
Acetone  
Concen: 2.788 ug/L  
RT: 4.125 min Scan# 365  
Delta R.T. -0.006 min  
Lab File: VW026203.D  
Acq: 15 Jun 2023 15:05

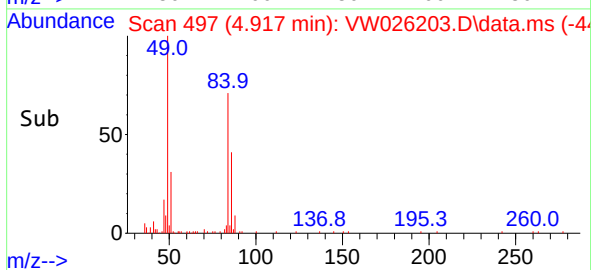
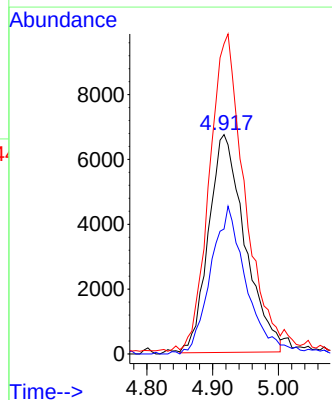
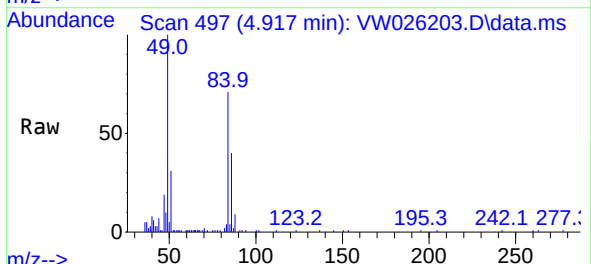
Instrument :  
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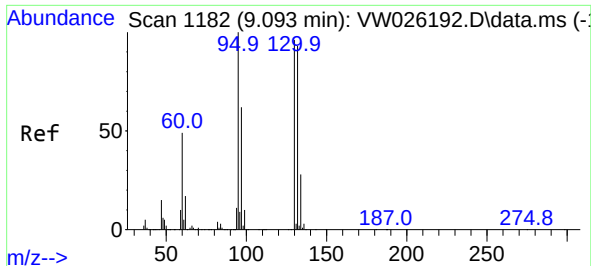
Tgt Ion: 43 Resp: 8072  
Ion Ratio Lower Upper  
43 100  
58 11.6 0.0 58.2



#16  
Methylene chloride  
Concen: 1.775 ug/L  
RT: 4.917 min Scan# 497  
Delta R.T. -0.000 min  
Lab File: VW026203.D  
Acq: 15 Jun 2023 15:05

Tgt Ion: 84 Resp: 25892  
Ion Ratio Lower Upper  
84 100  
86 57.0 44.2 82.0  
49 141.4 98.8 183.6



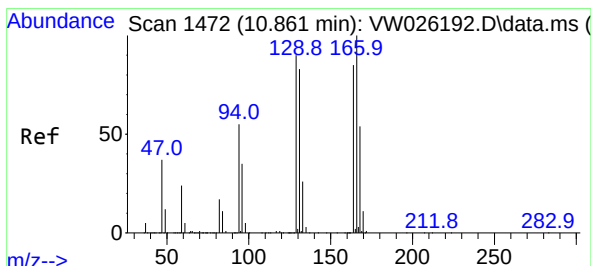
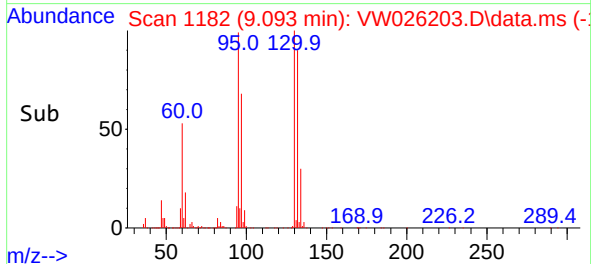
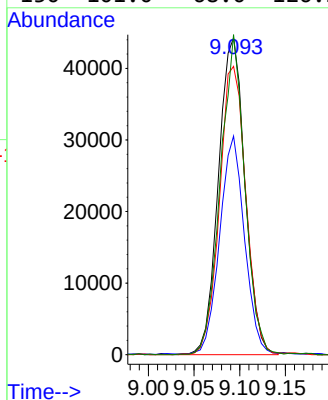
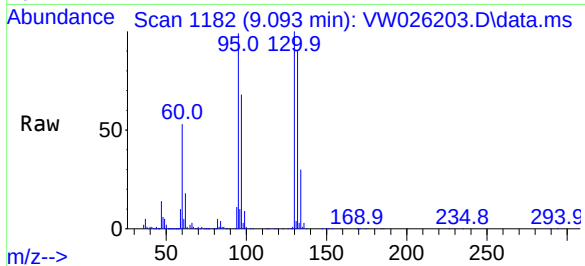


#34  
Trichloroethene  
Concen: 6.669 ug/L  
RT: 9.093 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: VW026203.D  
Acq: 15 Jun 2023 15:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
YBTX8

Tgt Ion: 95 Resp: 89210

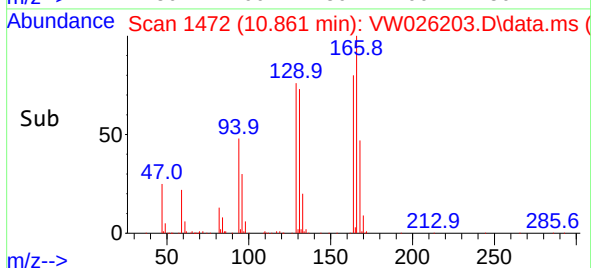
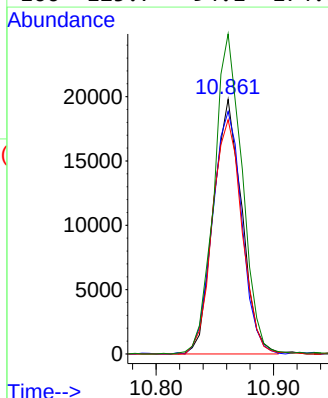
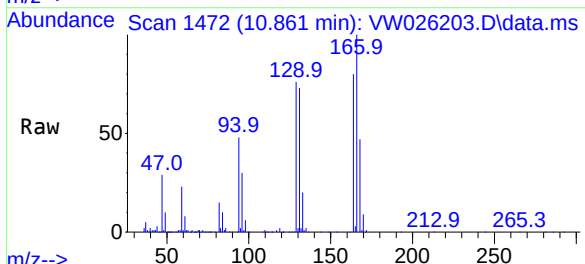
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 69.0  | 45.9  | 85.3  |
| 132 | 91.0  | 67.1  | 124.7 |
| 130 | 101.0 | 68.0  | 126.2 |

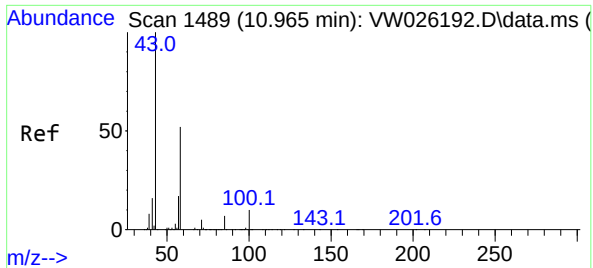


#46  
Tetrachloroethene  
Concen: 3.515 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VW026203.D  
Acq: 15 Jun 2023 15:05

Tgt Ion: 164 Resp: 33254

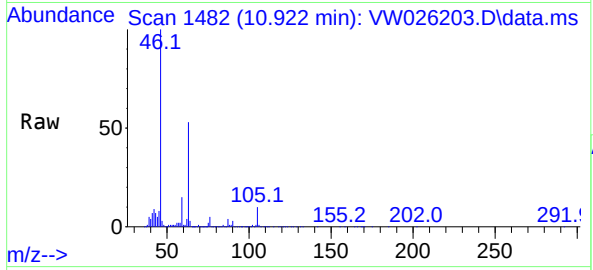
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 95.3  | 68.5  | 127.1 |
| 131 | 92.0  | 67.1  | 124.7 |
| 166 | 125.7 | 94.1  | 174.8 |





#48  
2-Hexanone  
Concen: 3.174 ug/L  
RT: 10.922 min Scan# 14  
Delta R.T. -0.043 min  
Lab File: VW026203.D  
Acq: 15 Jun 2023 15:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
YBTX8



Tgt Ion: 43 Resp: 18669

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 22.7  | 42.2  | 63.2# |
| 57  | 21.4  | 14.2  | 21.2# |
| 100 | 2.4   | 8.3   | 12.5# |

