

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045848.D
 Acq On : 17 Nov 2021 18:28
 Operator : SY/MD
 Sample : M4664-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4649

Quant Time: Nov 18 02:22:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

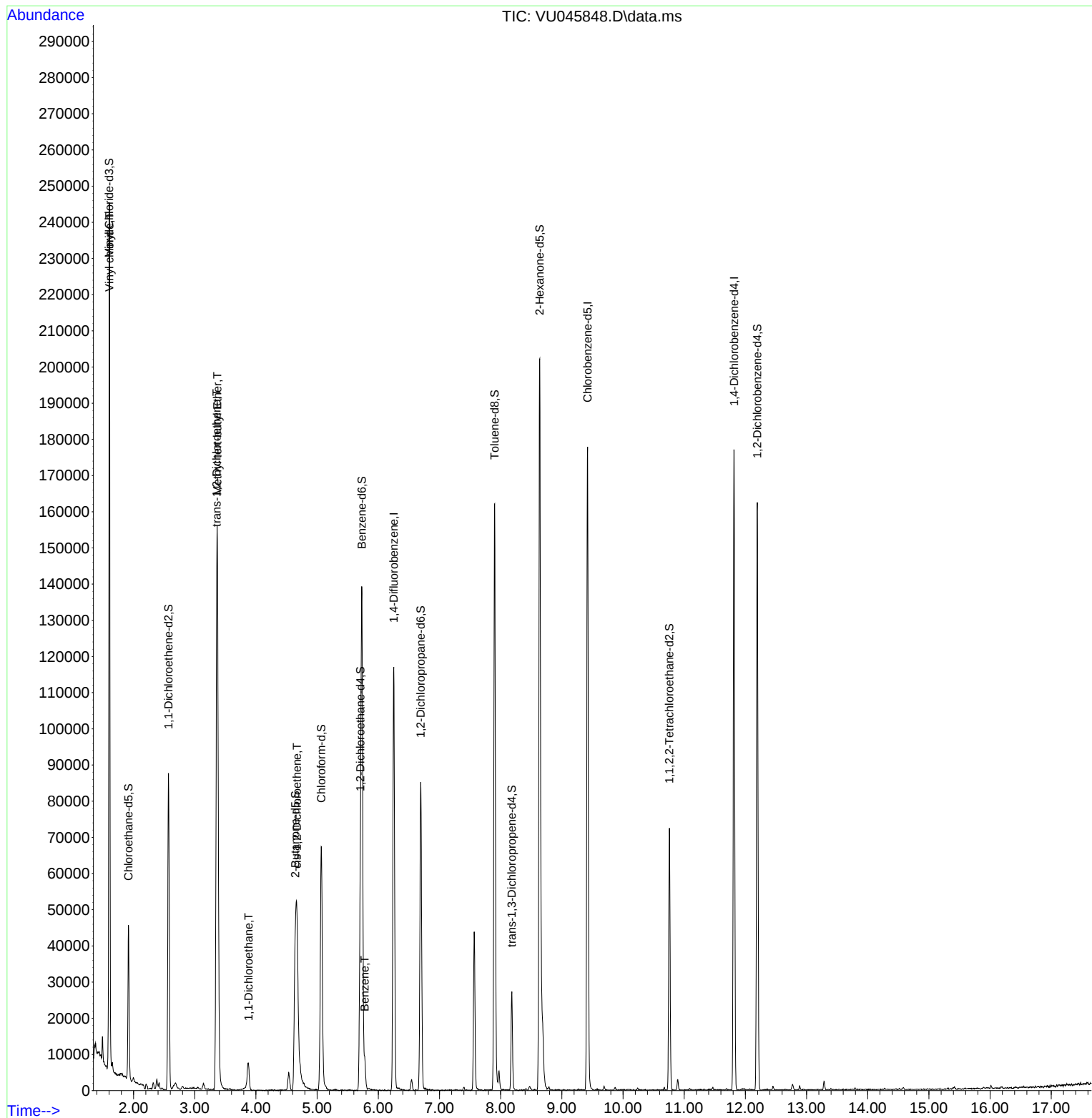
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93969	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	100026	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	46912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41625	5.591	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.800%
7) Chloroethane-d5	1.916	69	30308	5.592	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.800%
11) 1,1-Dichloroethene-d2	2.572	65	16773	5.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.400%
20) 2-Butanone-d5	4.645	46	102848	51.549	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.100%
24) Chloroform-d	5.070	84	62631	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.707	65	36743	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.732	84	129354	4.696	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.694	67	41756	4.810	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.903	98	110778	4.446	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.182	79	15705	4.456	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.636	63	71760	45.239	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	35820	4.884	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	41367	5.136	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	124787	15.334	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	145287	9.594	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	15125	2.426	ug/L	96
19) 1,1-Dichloroethane	3.880	63	8256	0.707	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	11566	1.711	ug/L	93
33) Benzene	5.777	78	7651	0.274	ug/L	100

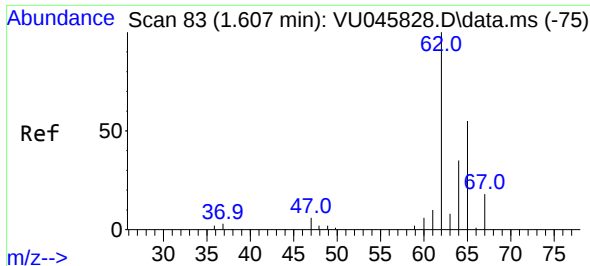
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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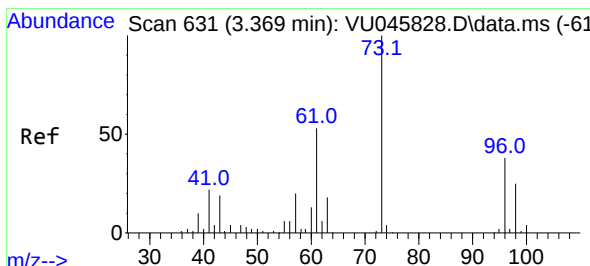
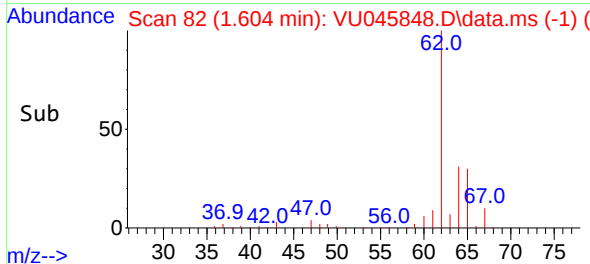
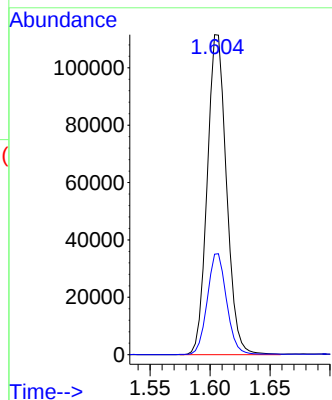
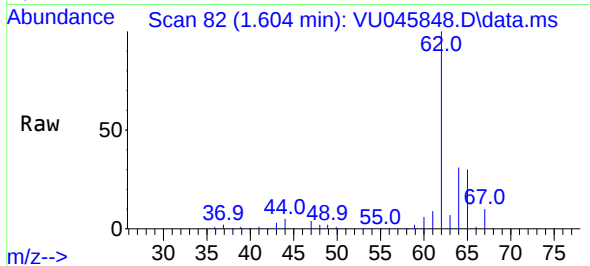




#5
 Vinyl chloride
 Concen: 15.334 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU045848.D
 Acq: 17 Nov 2021 18:28

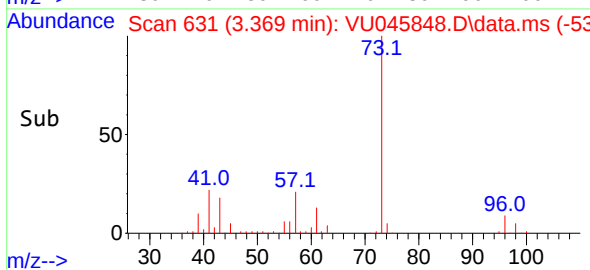
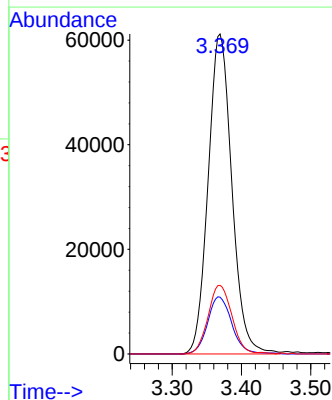
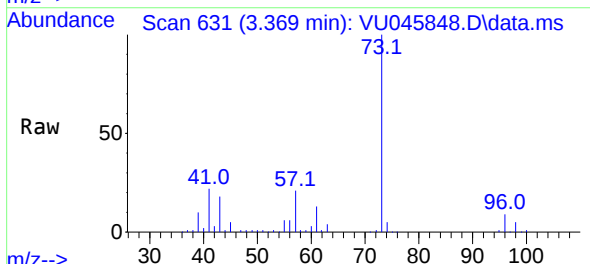
Instrument :
 MSVOA_U
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 H4649

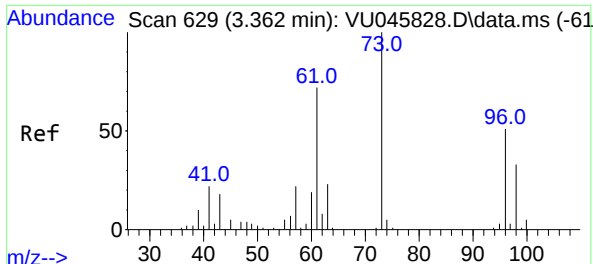
Tgt Ion: 62 Resp: 124787
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.9 42.5



#17
 Methyl tert-butyl Ether
 Concen: 9.594 ug/L
 RT: 3.369 min Scan# 631
 Delta R.T. 0.000 min
 Lab File: VU045848.D
 Acq: 17 Nov 2021 18:28

Tgt Ion: 73 Resp: 145287
 Ion Ratio Lower Upper
 73 100
 43 18.3 14.8 22.2
 57 21.5 17.4 26.0

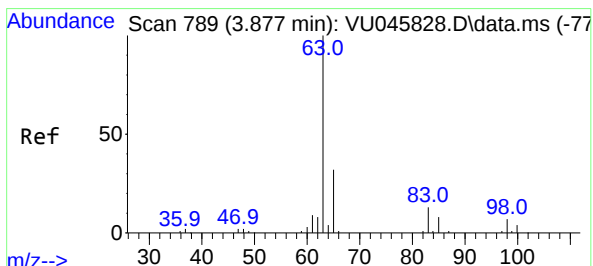
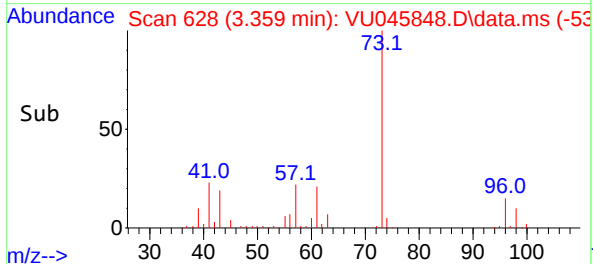
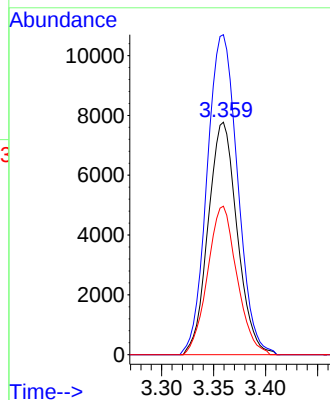
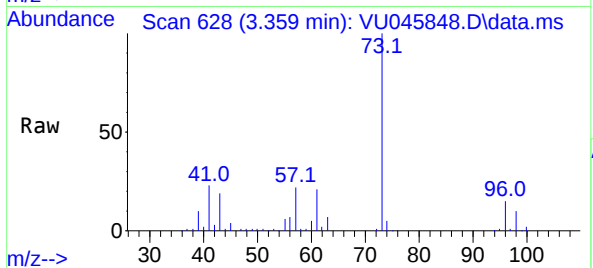




#18
trans-1,2-Dichloroethene
Concen: 2.426 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045848.D
Acq: 17 Nov 2021 18:28

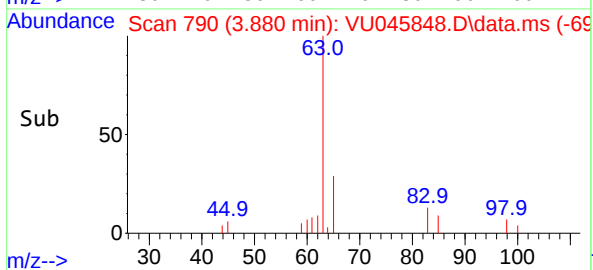
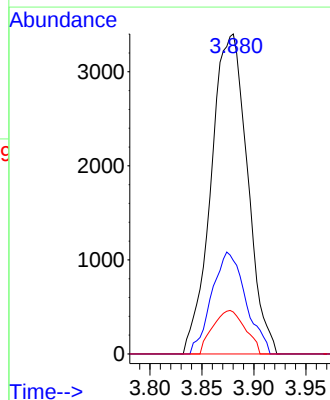
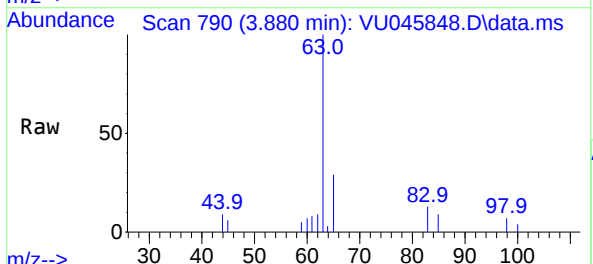
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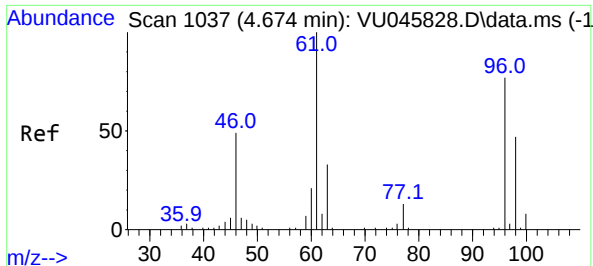
Tgt Ion: 96 Resp: 15125
Ion Ratio Lower Upper
96 100
61 137.6 100.8 187.2
98 63.9 45.1 83.7



#19
1,1-Dichloroethane
Concen: 0.707 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU045848.D
Acq: 17 Nov 2021 18:28

Tgt Ion: 63 Resp: 8256
Ion Ratio Lower Upper
63 100
65 29.2 22.3 41.5
83 13.1 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 1.711 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU045848.D

Acq: 17 Nov 2021 18:28

Instrument :

MSVOA_U

ClientSampleId :

H4649

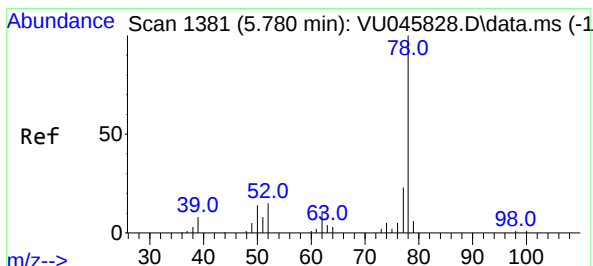
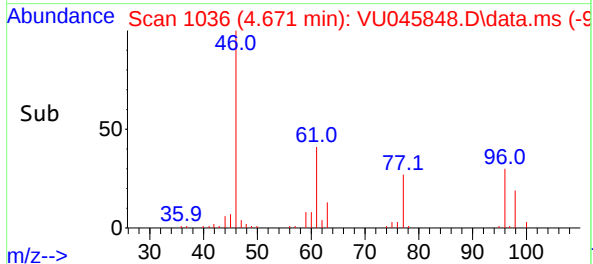
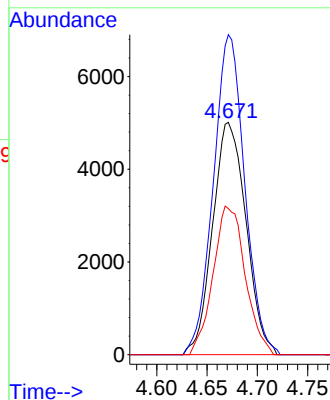
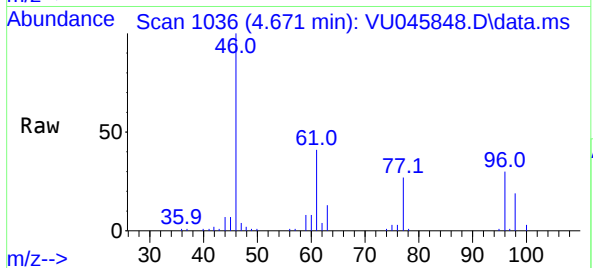
Tgt Ion: 96 Resp: 11566

Ion Ratio Lower Upper

96 100

61 137.8 88.5 164.3

98 62.9 44.4 82.5



#33

Benzene

Concen: 0.274 ug/L

RT: 5.777 min Scan# 1380

Delta R.T. -0.003 min

Lab File: VU045848.D

Acq: 17 Nov 2021 18:28

Tgt Ion: 78 Resp: 7651

