

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045866.D
 Acq On : 18 Nov 2021 14:19
 Operator : SY/MD
 Sample : M4664-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4679

Quant Time: Nov 19 00:53:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

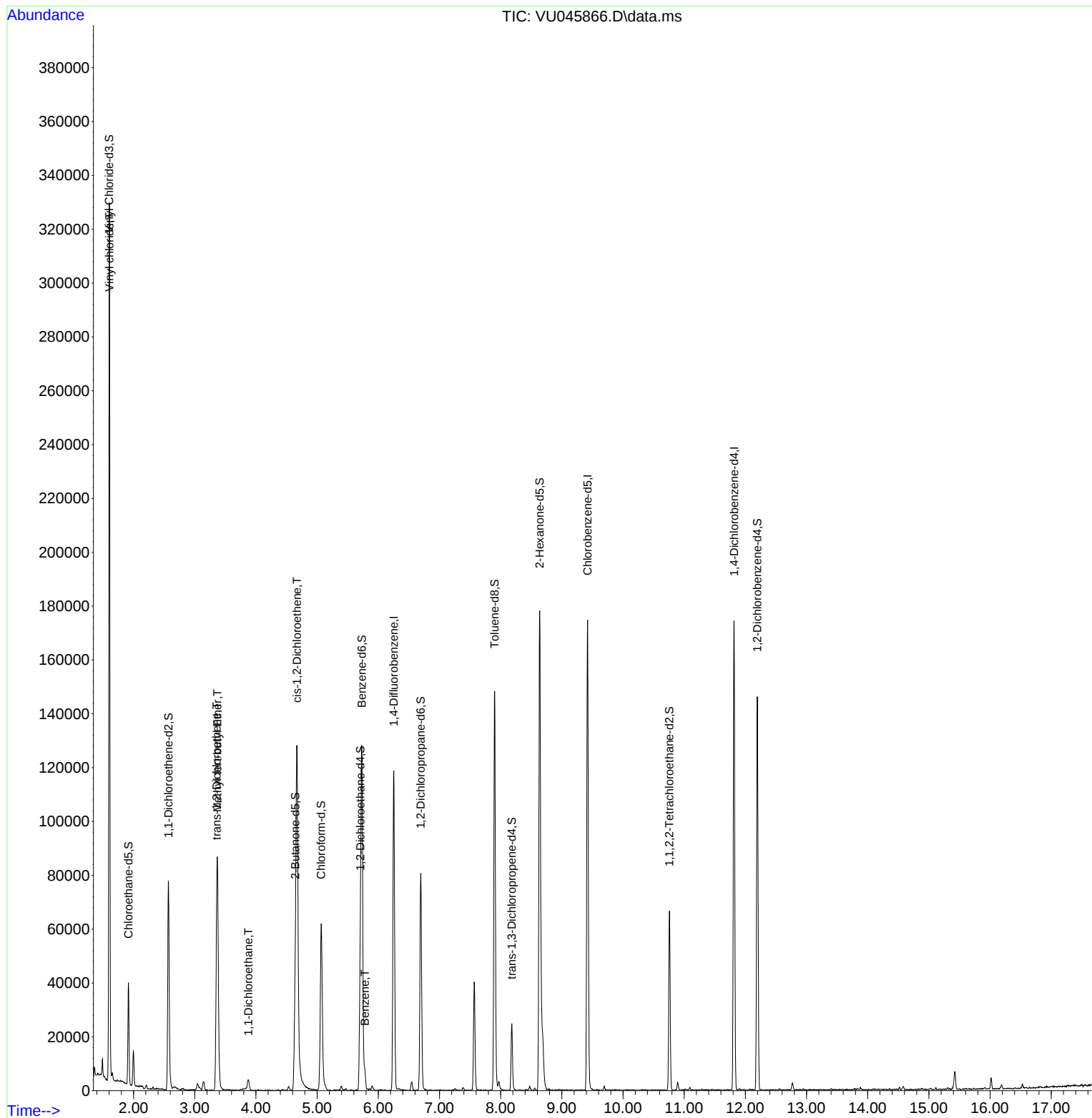
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93986	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97769	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	46444	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36741	4.934	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.915	69	26988	4.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.571	65	14482	4.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.800%
20) 2-Butanone-d5	4.645	46	99075	49.649	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.300%
24) Chloroform-d	5.066	84	56126	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.706	65	33832	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.732	84	119220	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.693	67	38497	4.537	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.899	98	99852	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.182	79	14292	4.149	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.635	63	64451	41.569	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.140%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32560	4.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	38792	4.864	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
5) Vinyl chloride	1.604	62	178192	21.893	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	90928	6.003	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	3303	0.530	ug/L	93
19) 1,1-Dichloroethane	3.877	63	5086	0.435	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	53319	7.885	ug/L	99
33) Benzene	5.780	78	6849	0.251	ug/L	100

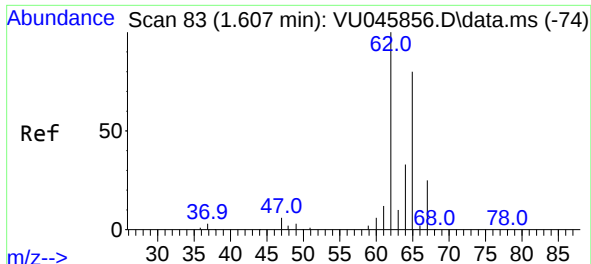
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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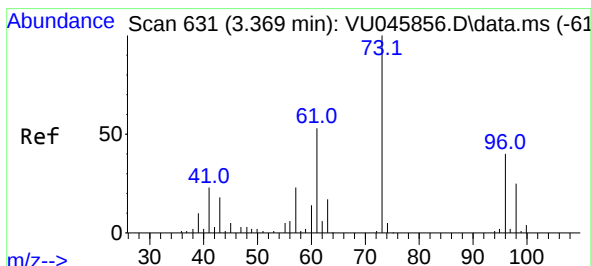
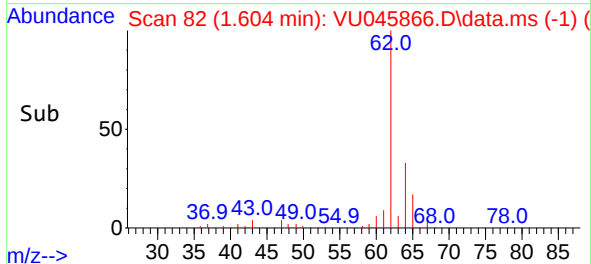
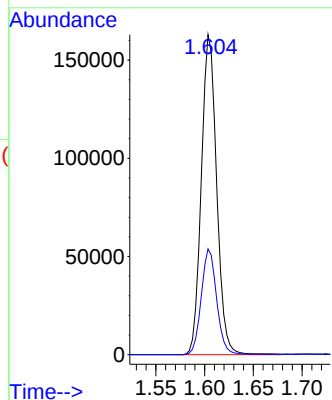
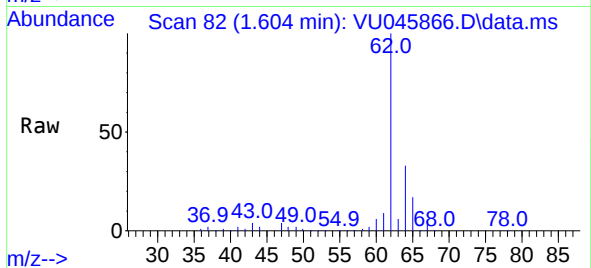




#5
 Vinyl chloride
 Concen: 21.893 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU045866.D
 Acq: 18 Nov 2021 14:19

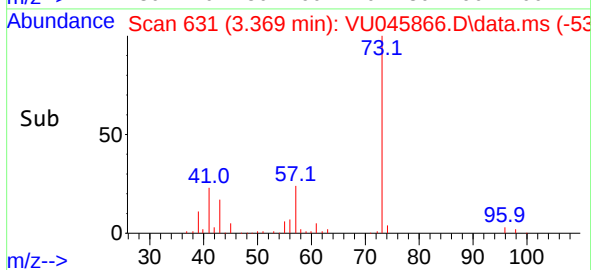
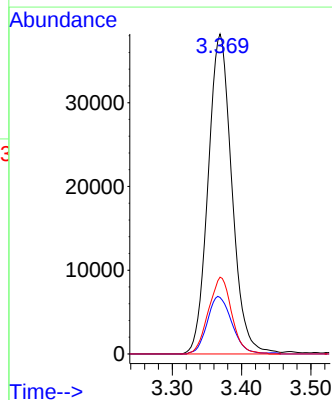
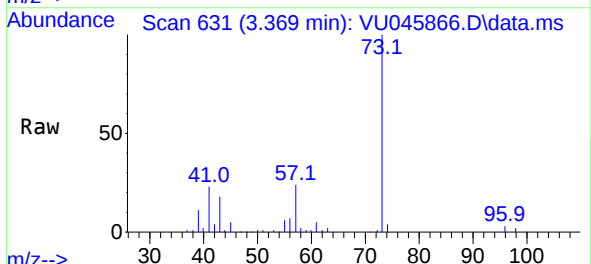
Instrument :
 MSVOA_U
 ClientSampleId :
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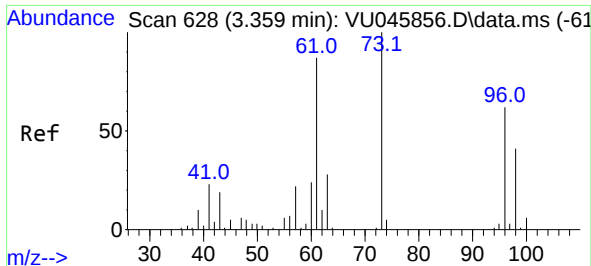
Tgt Ion: 62 Resp: 178192
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#17
 Methyl tert-butyl Ether
 Concen: 6.003 ug/L
 RT: 3.369 min Scan# 631
 Delta R.T. -0.000 min
 Lab File: VU045866.D
 Acq: 18 Nov 2021 14:19

Tgt Ion: 73 Resp: 90928
 Ion Ratio Lower Upper
 73 100
 43 18.7 14.8 22.2
 57 23.5 17.4 26.0

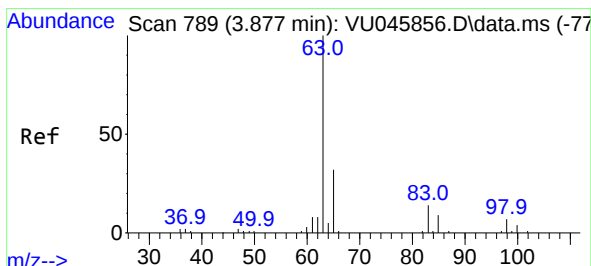
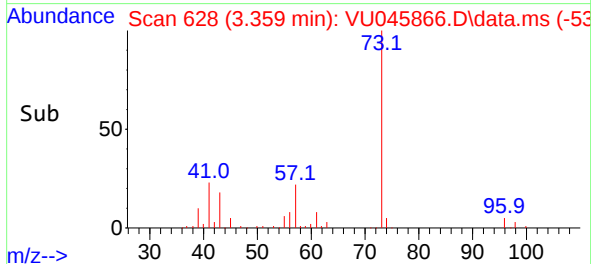
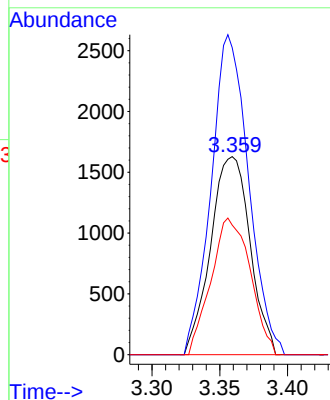
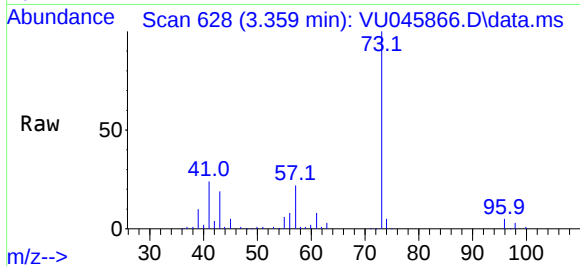




#18
trans-1,2-Dichloroethene
Concen: 0.530 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045866.D
Acq: 18 Nov 2021 14:19

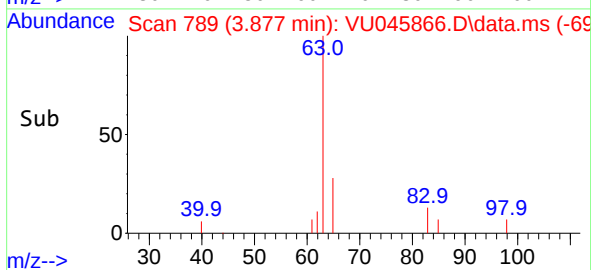
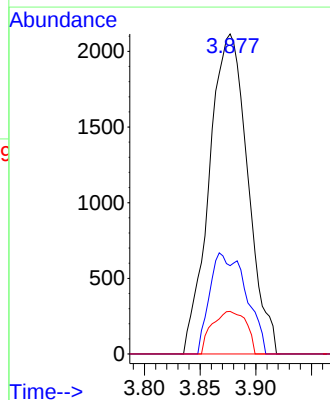
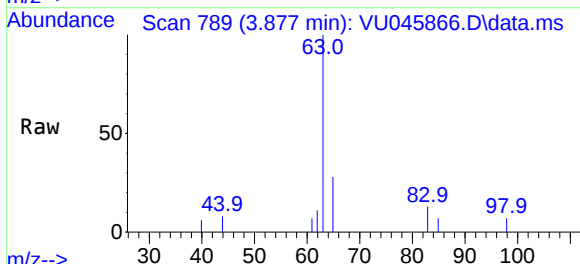
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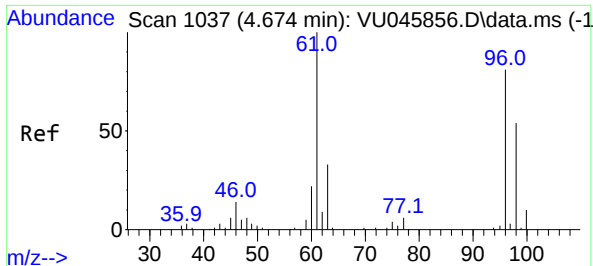
Tgt Ion: 96 Resp: 3303
Ion Ratio Lower Upper
96 100
61 155.1 100.8 187.2
98 65.4 45.1 83.7



#19
1,1-Dichloroethane
Concen: 0.435 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU045866.D
Acq: 18 Nov 2021 14:19

Tgt Ion: 63 Resp: 5086
Ion Ratio Lower Upper
63 100
65 27.6 22.3 41.5
83 13.3 9.6 17.8

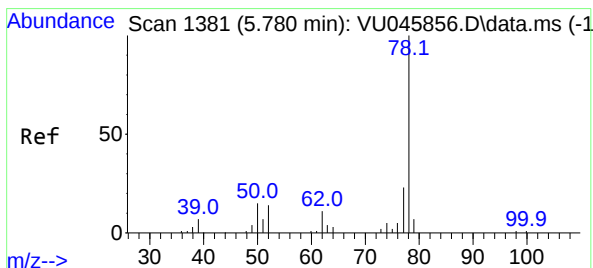
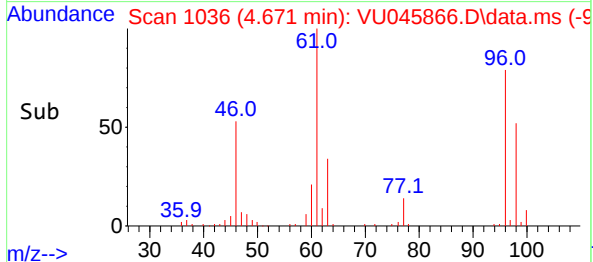
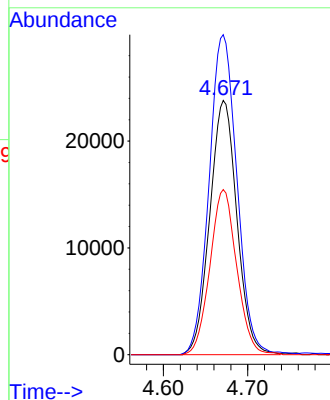
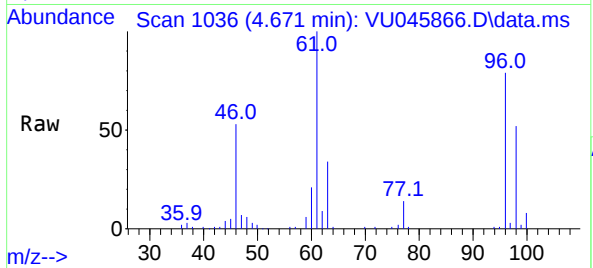




#22
 cis-1,2-Dichloroethene
 Concen: 7.885 ug/L
 RT: 4.671 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU045866.D
 Acq: 18 Nov 2021 14:19

Instrument :
 MSVOA_U
 ClientSampleId :
 H4679

Tgt Ion: 96 Resp: 53319
 Ion Ratio Lower Upper
 96 100
 61 125.8 88.5 164.3
 98 65.0 44.4 82.5



#33
 Benzene
 Concen: 0.251 ug/L
 RT: 5.780 min Scan# 1381
 Delta R.T. -0.000 min
 Lab File: VU045866.D
 Acq: 18 Nov 2021 14:19

Tgt Ion: 78 Resp: 6849

