

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059771.D
 Acq On : 03 Jul 2024 04:43
 Operator : MD/SY
 Sample : P3122-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COBN2

Quant Time: Jul 03 05:14:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 04:07:12 2024
 Response via : Initial Calibration

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

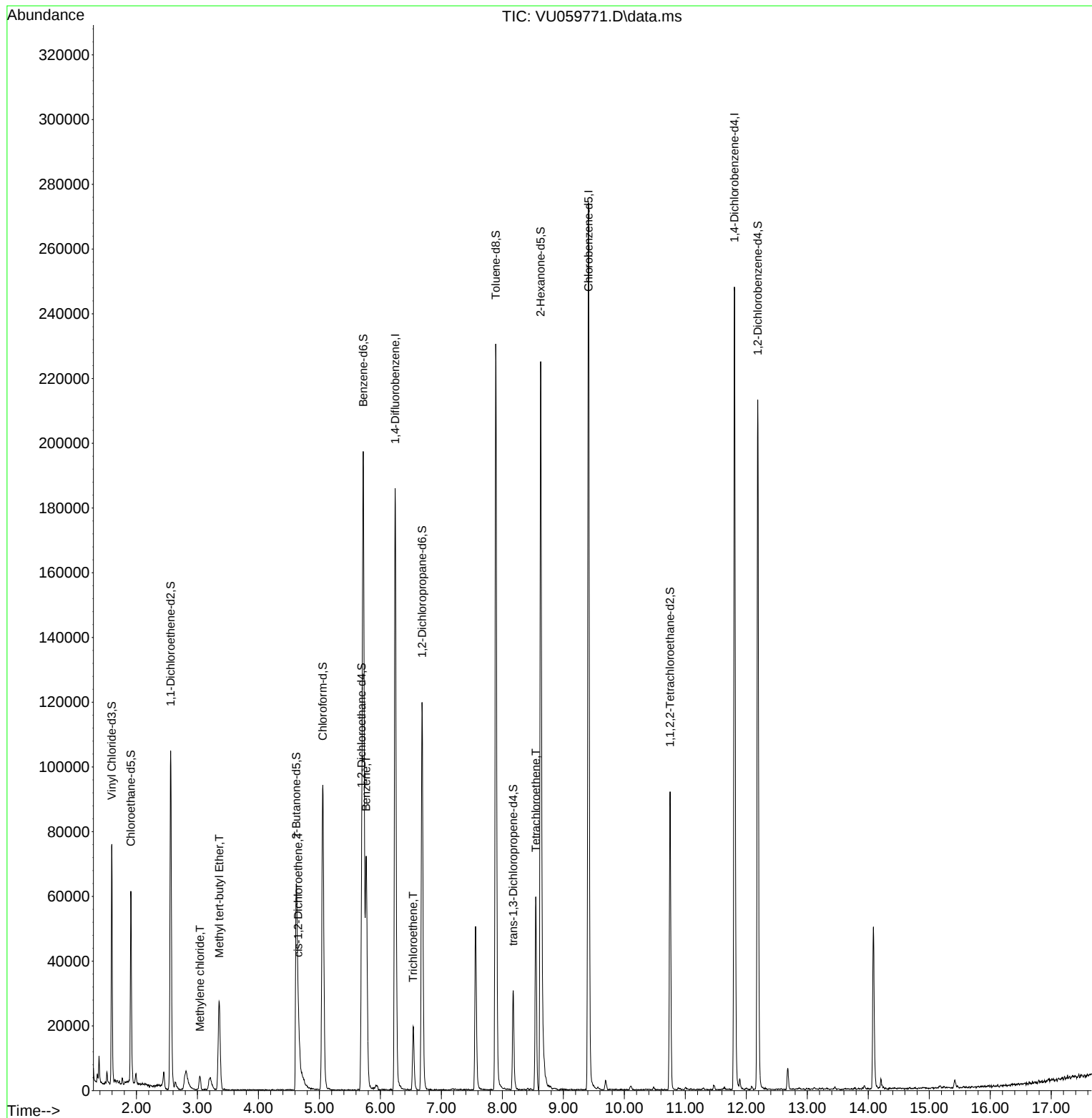
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	162344	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165909	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53923	4.777	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.908	69	45189	4.160	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.560	65	19692	4.205	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.621	46	102754	44.190	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.380%
24) Chloroform-d	5.055	84	93102	4.018	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.692	65	47491	4.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	5.718	84	192121	4.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.682	67	62328	4.455	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.891	98	166170	3.915	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.177	79	19678	4.491	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.627	63	81831	44.952	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	48494	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	60925	4.663	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	1959	0.144	ug/L	76
17) Methyl tert-butyl Ether	3.358	73	31132	1.255	ug/L	99
22) cis-1,2-Dichloroethene	4.653	96	3453	0.262	ug/L	93
33) Benzene	5.766	78	73984	1.468	ug/L	100
34) Trichloroethene	6.538	95	6813	0.499	ug/L	97
47) Tetrachloroethene	8.547	164	13906	1.313	ug/L	96

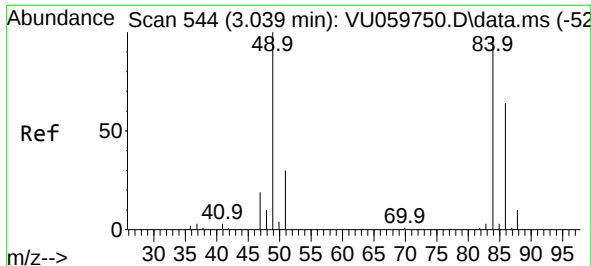
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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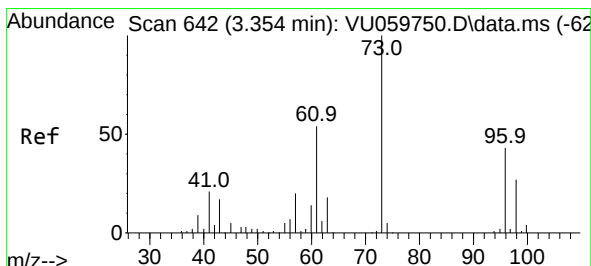
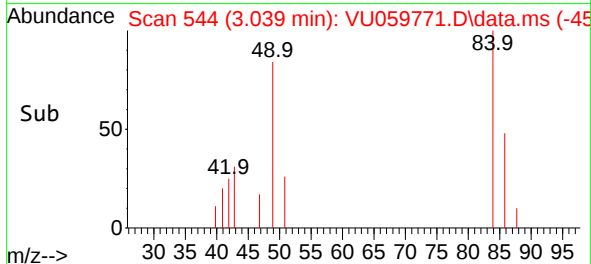
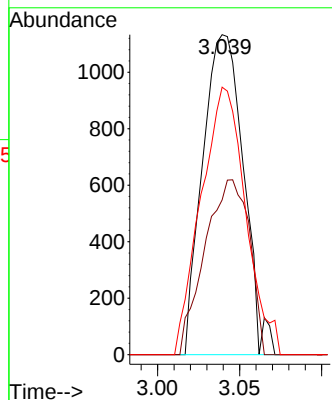
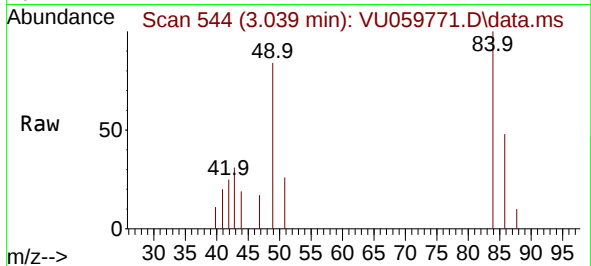


#16
Methylene chloride
Concen: 0.144 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU059771.D
Acq: 03 Jul 2024 04:43

Instrument :
MSVOA_U
ClientSampleId :
COBN2

Tgt Ion: 84 Resp: 1959

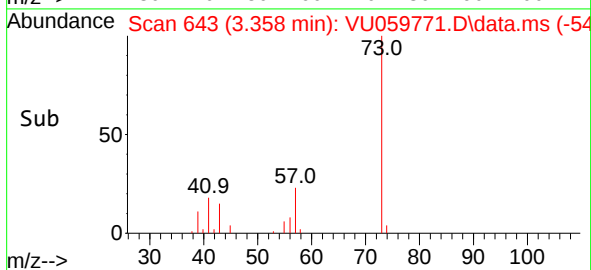
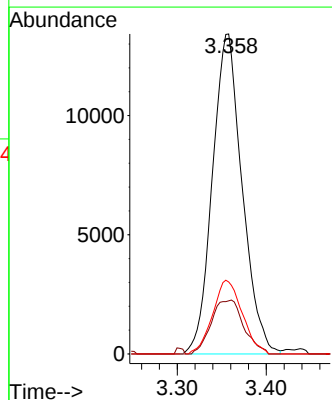
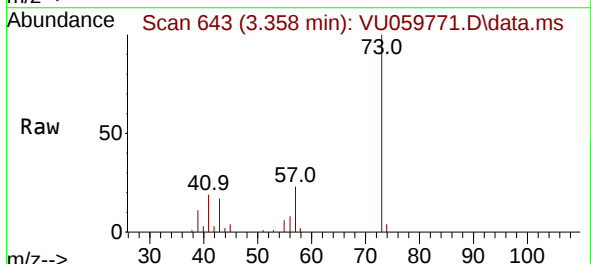
Ion	Ratio	Lower	Upper
84	100		
86	48.4	42.1	78.1
49	83.6	80.6	149.8

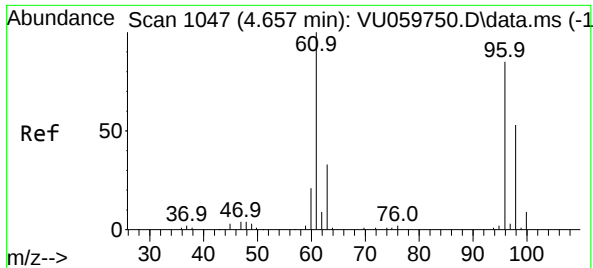


#17
Methyl tert-butyl Ether
Concen: 1.255 ug/L
RT: 3.358 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU059771.D
Acq: 03 Jul 2024 04:43

Tgt Ion: 73 Resp: 31132

Ion	Ratio	Lower	Upper
73	100		
43	18.4	14.9	22.3
57	22.9	18.0	27.0

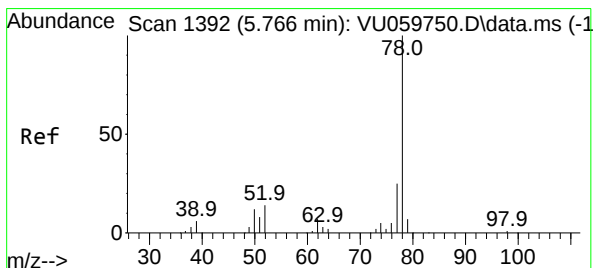
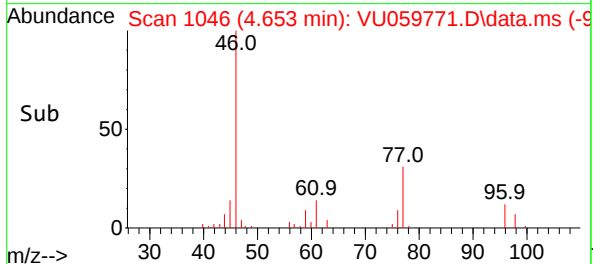
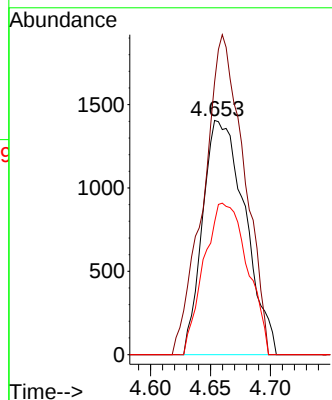
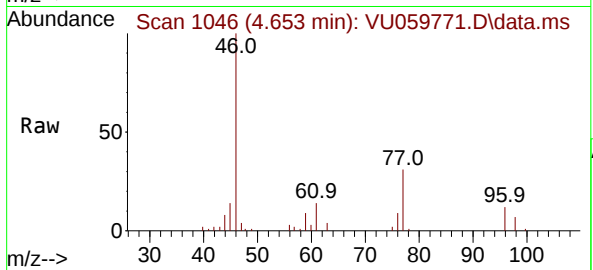




#22
 cis-1,2-Dichloroethene
 Concen: 0.262 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU059771.D
 Acq: 03 Jul 2024 04:43

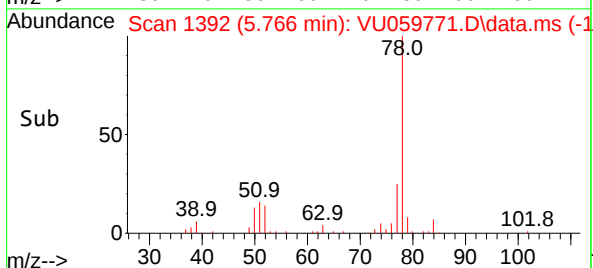
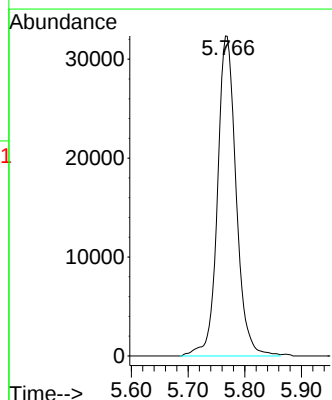
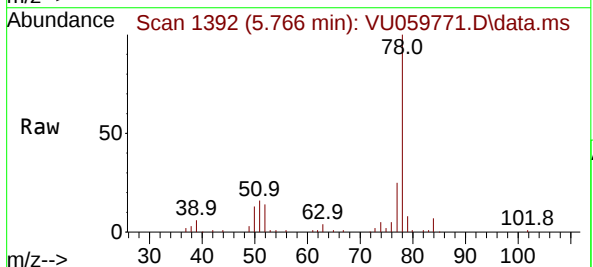
Instrument :
 MSVOA_U
 ClientSampleId :
 COBN2

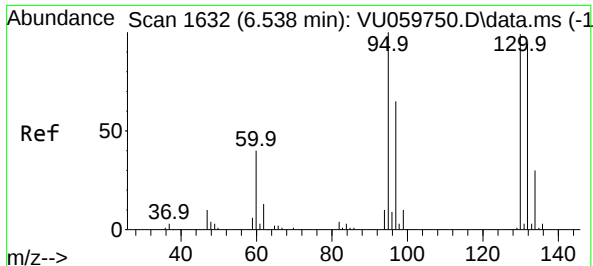
Tgt Ion: 96 Resp: 3453
 Ion Ratio Lower Upper
 96 100
 61 116.4 87.4 162.2
 98 56.7 42.3 78.5



#33
 Benzene
 Concen: 1.468 ug/L
 RT: 5.766 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VU059771.D
 Acq: 03 Jul 2024 04:43

Tgt Ion: 78 Resp: 73984



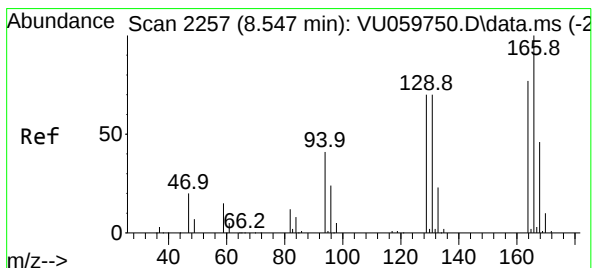
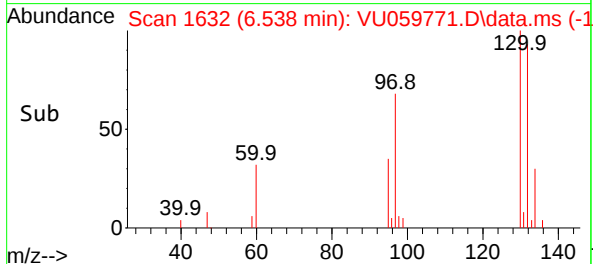
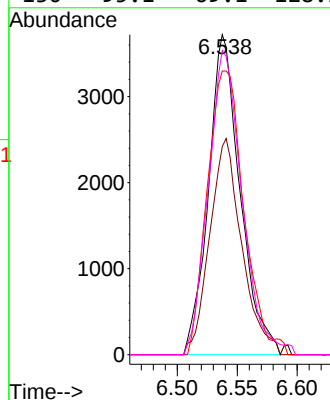
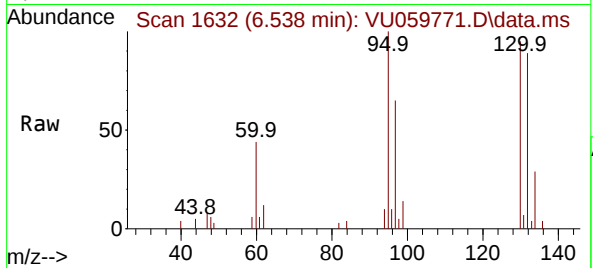


#34
Trichloroethene
Concen: 0.499 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU059771.D
Acq: 03 Jul 2024 04:43

Instrument :
MSVOA_U
ClientSampleId :
COBN2

Tgt Ion: 95 Resp: 6813

Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.3	84.1
132	88.7	64.0	119.0
130	95.1	69.1	128.3



#47
Tetrachloroethene
Concen: 1.313 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU059771.D
Acq: 03 Jul 2024 04:43

Tgt Ion: 164 Resp: 13906

Ion	Ratio	Lower	Upper
164	100		
129	95.2	70.8	131.4
131	89.5	64.8	120.3
166	133.5	91.1	169.1

