

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035292.D
 Acq On : 18 Apr 2024 18:50
 Operator : SY/MD
 Sample : P2157-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0RJ7

Quant Time: Apr 19 01:44:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

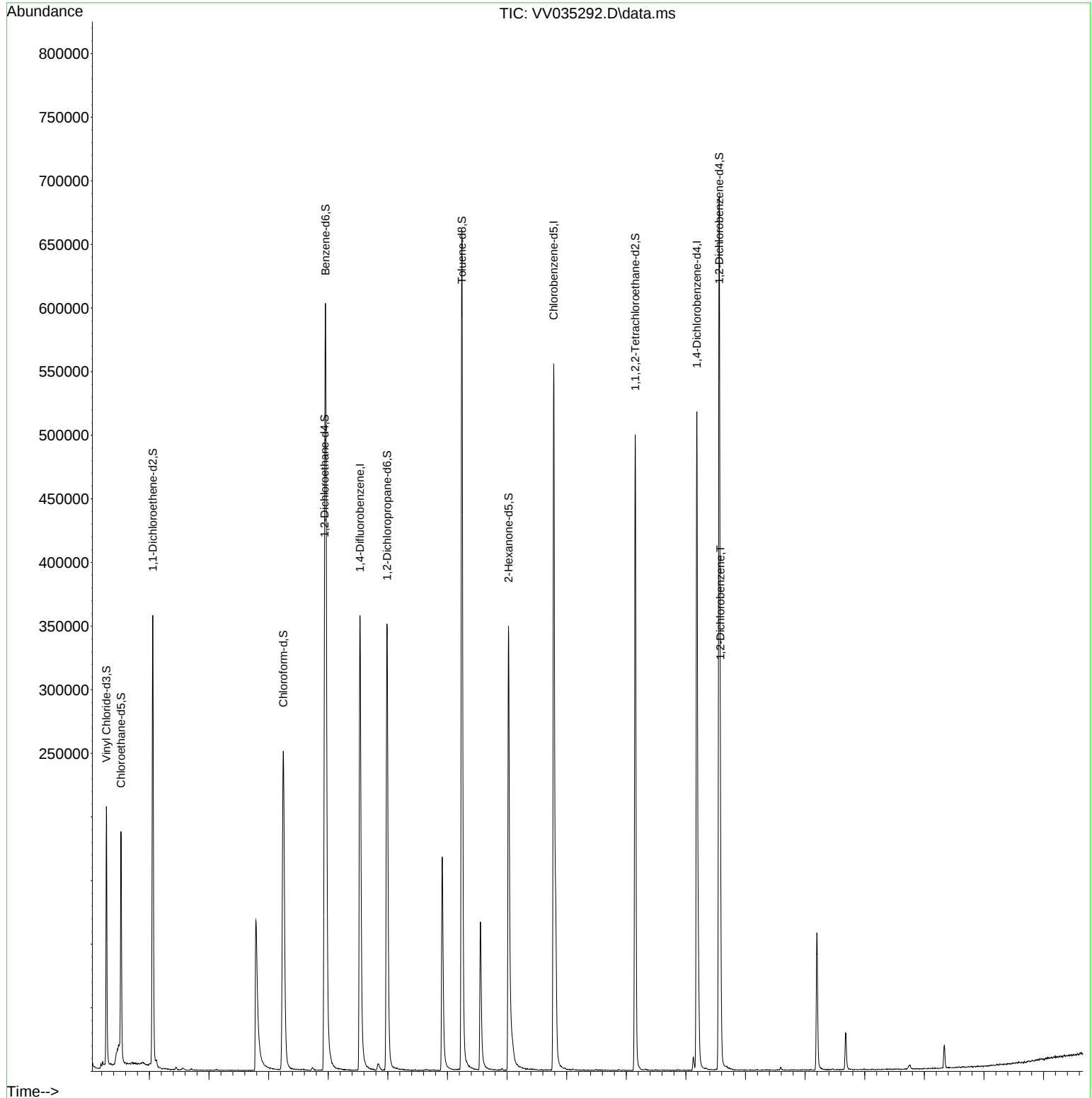
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	318814	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	305965	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	134654	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	138461	44.970	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.940%
7) Chloroethane-d5	1.523	69	119972	44.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.720%
11) 1,1-Dichloroethene-d2	2.056	65	60493	44.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.640%
21) 2-Butanone-d5	3.786	46	205234	112.391	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.390%
24) Chloroform-d	4.246	84	276680	53.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.900%
26) 1,2-Dichloroethane-d4	4.937	65	175632	53.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.880%
32) Benzene-d6	4.957	84	545746	53.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.200%
36) 1,2-Dichloropropane-d6	5.986	67	181429	55.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.180%
41) Toluene-d8	7.243	98	463041	50.027	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.060%
43) trans-1,3-Dichloroprop...	7.555	79	74206	46.771	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.540%
47) 2-Hexanone-d5	8.024	63	124928	101.245	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.250%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	249533	55.523	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.040%
66) 1,2-Dichlorobenzene-d4	11.558	152	170239	56.309	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.620%
Target Compounds						
51) Chlorobenzene	8.815	112	71617	10.579	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	4669	1.029	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	32028	6.943	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	70477	15.595	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	35145	11.702	ug/L	97
72) 1,2,3-Trichlorobenzene	13.683	180	10071	3.402	ug/L	96

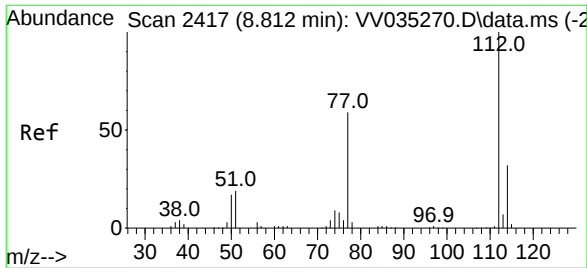
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 10.579 ug/L

RT: 8.815 min Scan# 2417

Delta R.T. 0.003 min

Lab File: VV035292.D

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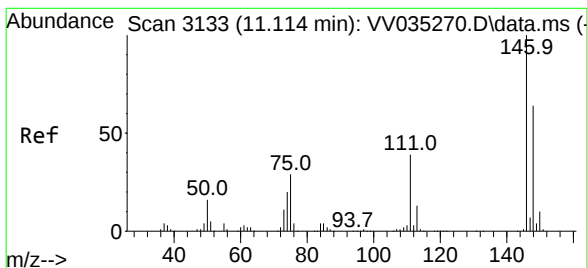
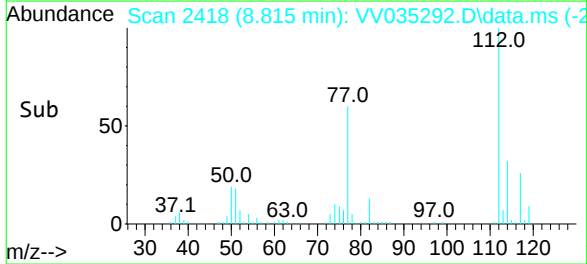
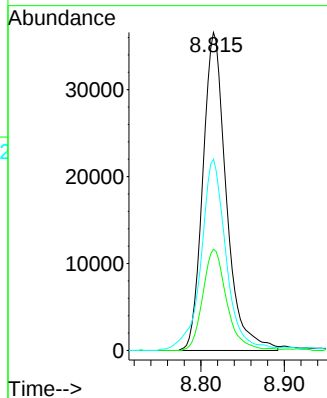
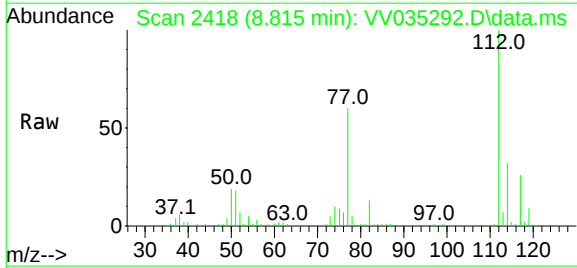
Instrument :

MSVOA_V

ClientSampleId :

C0RJ7

Tgt Ion:	112	Resp:	71617
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.0	41.0
77	60.2	47.4	71.2



#64

1,3-Dichlorobenzene

Concen: 1.029 ug/L

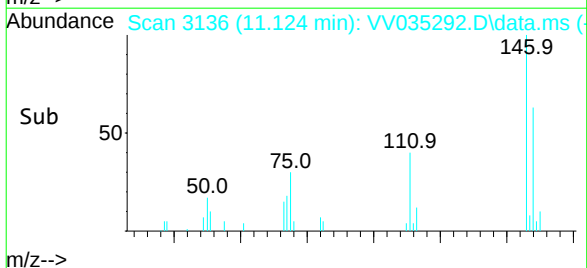
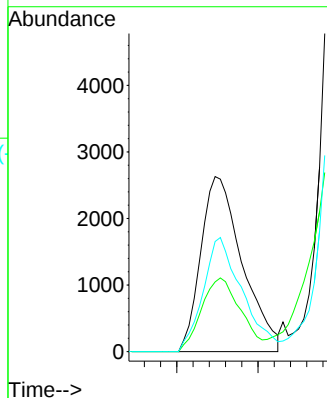
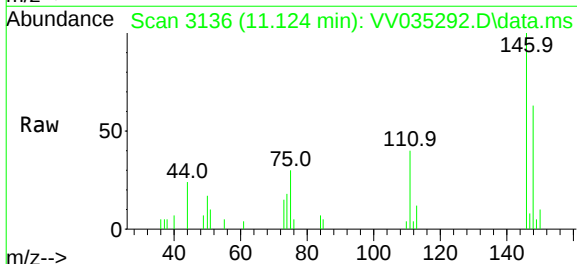
RT: 11.124 min Scan# 3136

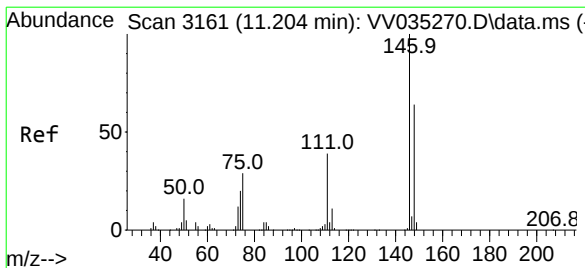
Delta R.T. 0.010 min

Lab File: VV035292.D

Acq: 18 Apr 2024 18:50

Tgt Ion:	146	Resp:	4669
Ion	Ratio	Lower	Upper
146	100		
111	39.8	28.7	53.3
148	62.9	44.0	81.8





#65

1,4-Dichlorobenzene

Concen: 6.943 ug/L

RT: 11.210 min Scan# 3161

Delta R.T. 0.003 min

Lab File: VV035292.D

Acq: 18 Apr 2024 18:50

Instrument :

MSVOA_V

ClientSampleId :

C0RJ7

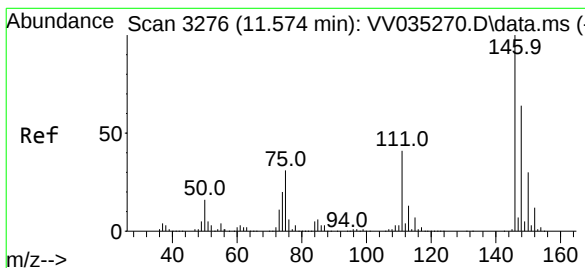
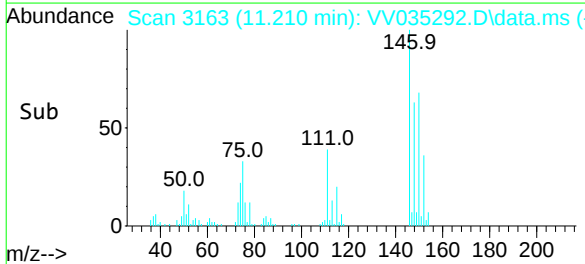
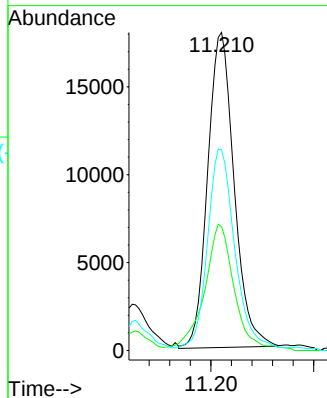
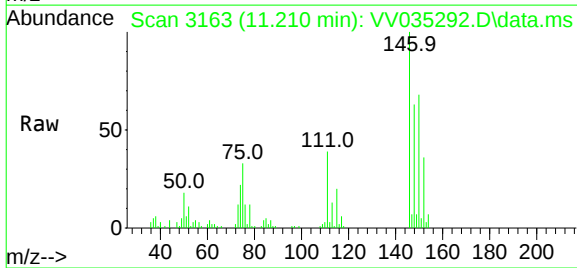
Tgt Ion:146 Resp: 32028

Ion Ratio Lower Upper

146 100

111 38.9 27.4 50.8

148 63.2 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 15.595 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035292.D

Acq: 18 Apr 2024 18:50

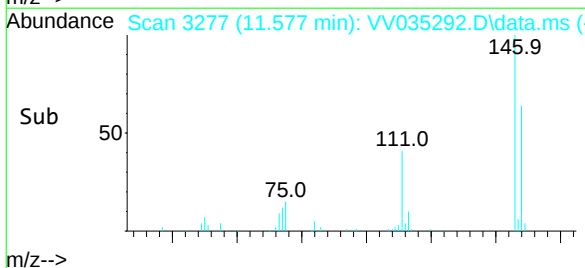
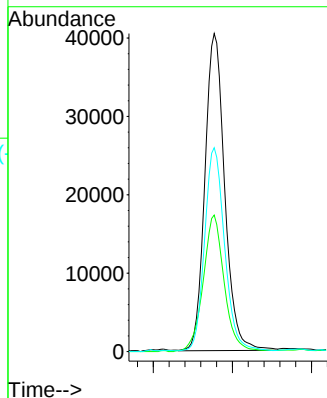
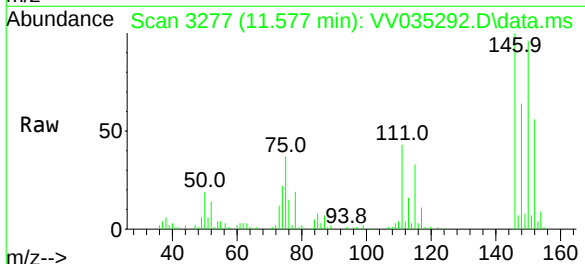
Tgt Ion:146 Resp: 70477

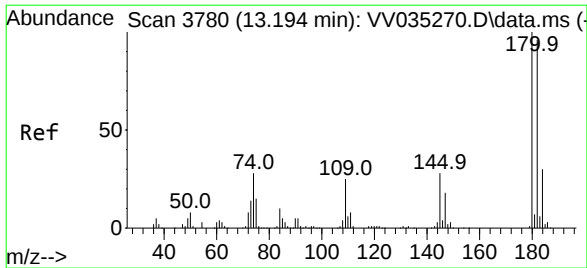
Ion Ratio Lower Upper

146 100

111 42.9 34.6 52.0

148 64.1 51.5 77.3





#70

1,2,4-trichlorobenzene

Concen: 11.702 ug/L

RT: 13.197 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV035292.D

Acq: 18 Apr 2024 18:50

Instrument :

MSVOA_V

ClientSampleId :

C0RJ7

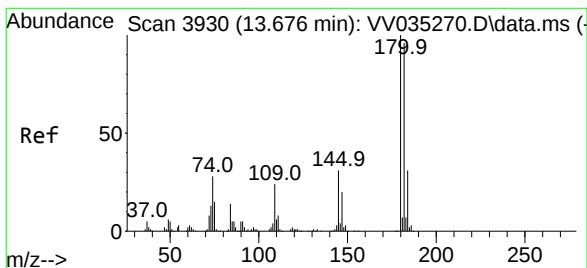
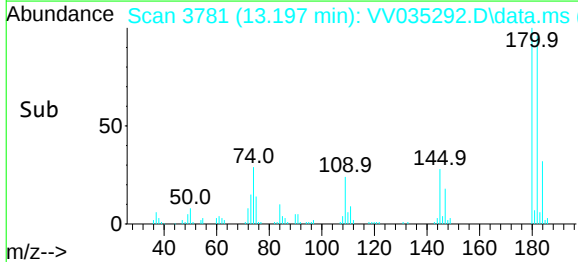
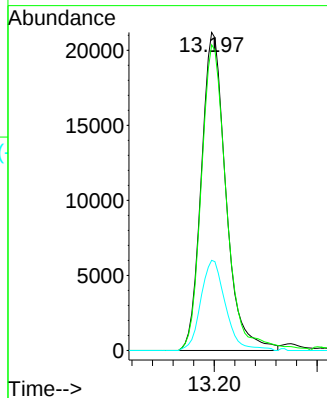
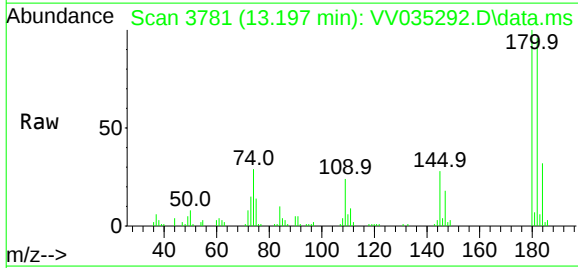
Tgt Ion:180 Resp: 35145

Ion Ratio Lower Upper

180 100

182 97.5 75.6 113.4

145 28.4 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 3.402 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035292.D

Acq: 18 Apr 2024 18:50

Tgt Ion:180 Resp: 10071

Ion Ratio Lower Upper

180 100

182 91.5 76.2 114.2

145 30.0 25.8 38.6

