

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100423\
 Data File : VV032232.D
 Acq On : 04 Oct 2023 16:16
 Operator : SY/MD
 Sample : 04741-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 01:42:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

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

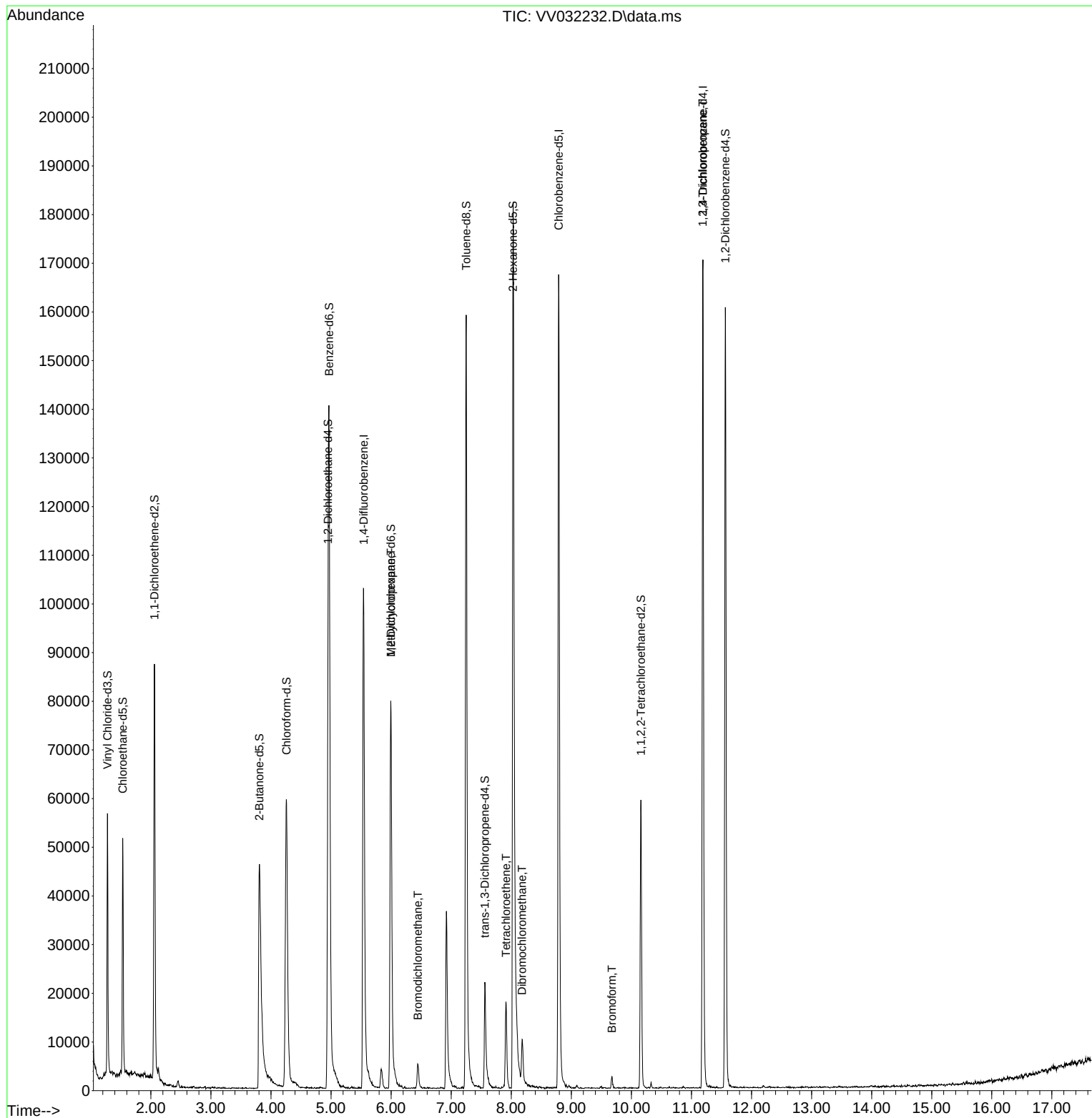
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	97605	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	94738	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	44287	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	34733	4.375	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.532	69	30732	4.769	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.400%
11) 1,1-Dichloroethene-d2	2.059	65	14670	4.382	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.805	46	91745	45.688	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.380%
24) Chloroform-d	4.256	84	64936	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	4.950	65	32168	4.850	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	4.966	84	132197	4.742	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	5.995	67	42876	4.642	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.249	98	110889	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.561	79	14313	4.373	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.030	63	69219	44.950	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.900%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	30798	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	41779	5.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
35) Methylcyclohexane	5.995	83	10137	0.719	ug/L #	17
38) Bromodichloromethane	6.445	83	4063	0.383	ug/L	99
47) Tetrachloroethene	7.911	164	4304	0.623	ug/L	95
49) Dibromochloromethane	8.181	129	5138	0.784	ug/L	98
59) Bromoform	9.673	173	1025	0.318	ug/L #	90
61) 1,2,3-Trichloropropane	11.188	75	5608	1.190	ug/L #	65

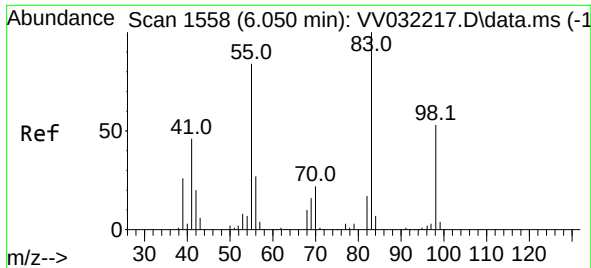
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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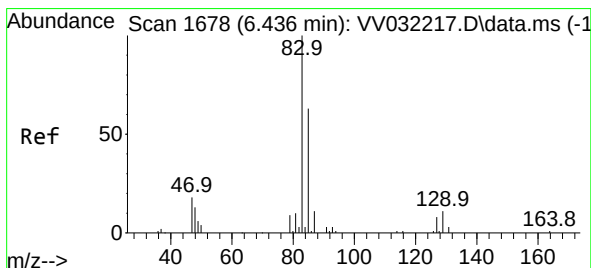
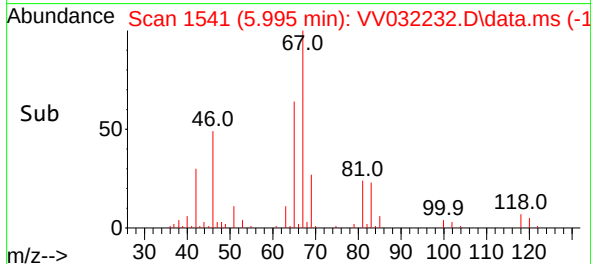
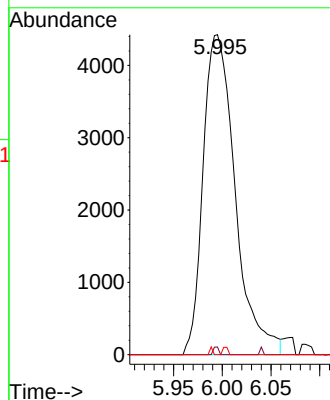
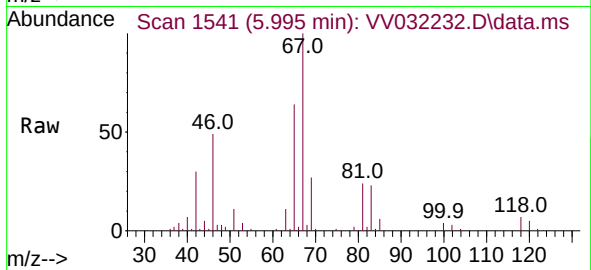




#35
Methylcyclohexane
Concen: 0.719 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.055 min
Lab File: VV032232.D
Acq: 04 Oct 2023 16:16

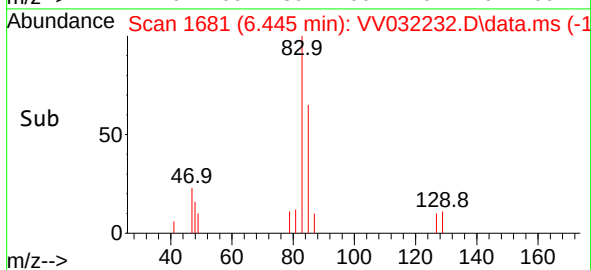
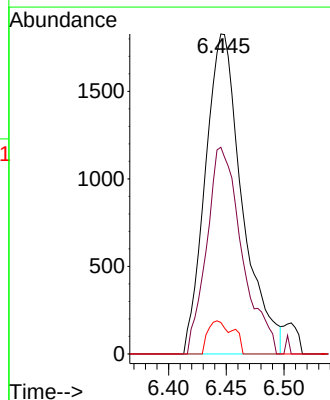
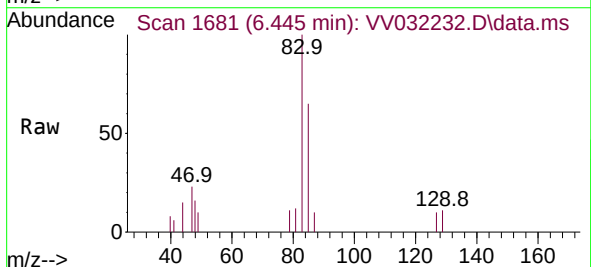
Instrument :
MSVOA_V
ClientSampleId :

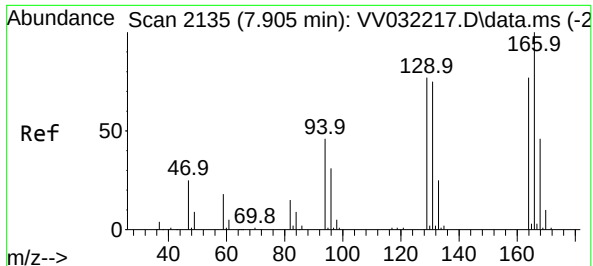
Tgt Ion: 83 Resp: 10137
Ion Ratio Lower Upper
83 100
55 0.4 64.2 96.2#
98 0.4 39.6 59.4#



#38
Bromodichloromethane
Concen: 0.383 ug/L
RT: 6.445 min Scan# 1681
Delta R.T. 0.009 min
Lab File: VV032232.D
Acq: 04 Oct 2023 16:16

Tgt Ion: 83 Resp: 4063
Ion Ratio Lower Upper
83 100
85 64.6 44.9 83.3
127 9.8 6.9 10.3





#47

Tetrachloroethene

Concen: 0.623 ug/L

RT: 7.911 min Scan# 2135

Delta R.T. 0.006 min

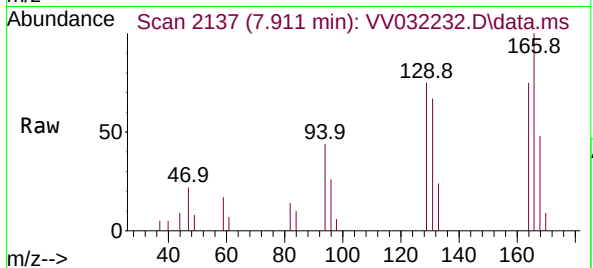
Lab File: VV032232.D

Acq: 04 Oct 2023 16:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 4304

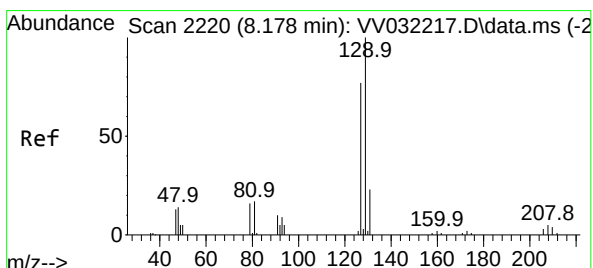
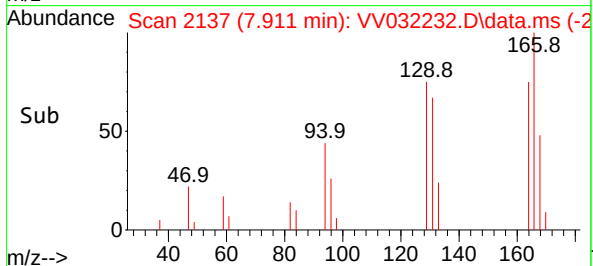
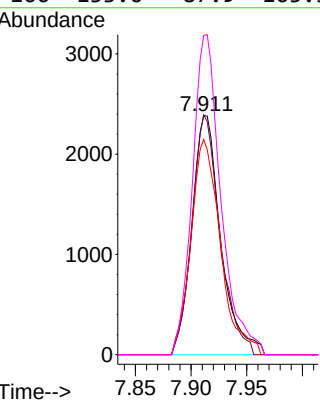
Ion Ratio Lower Upper

164 100

129 100.3 66.4 123.4

131 90.0 63.7 118.3

166 133.6 87.9 163.3



#49

Dibromochloromethane

Concen: 0.784 ug/L

RT: 8.181 min Scan# 2221

Delta R.T. 0.003 min

Lab File: VV032232.D

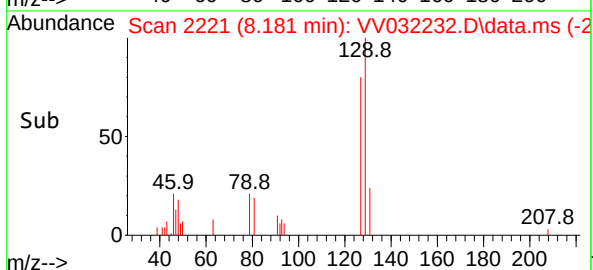
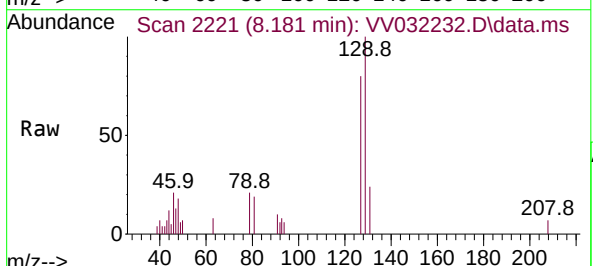
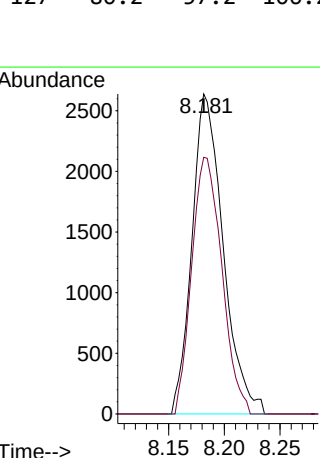
Acq: 04 Oct 2023 16:16

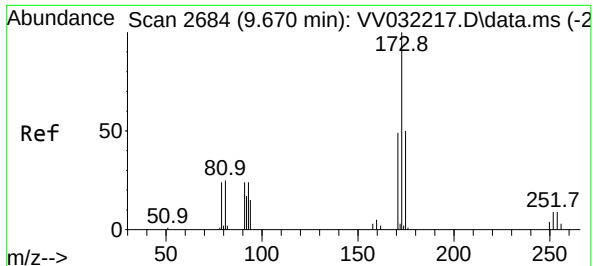
Tgt Ion:129 Resp: 5138

Ion Ratio Lower Upper

129 100

127 80.2 57.2 106.2





#59

Bromoform

Concen: 0.318 ug/L

RT: 9.673 min Scan# 2

Delta R.T. 0.003 min

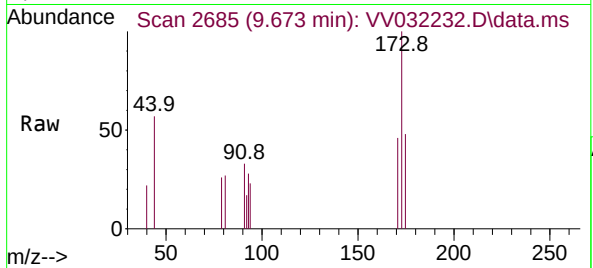
Lab File: VV032232.D

Acq: 04 Oct 2023 16:16

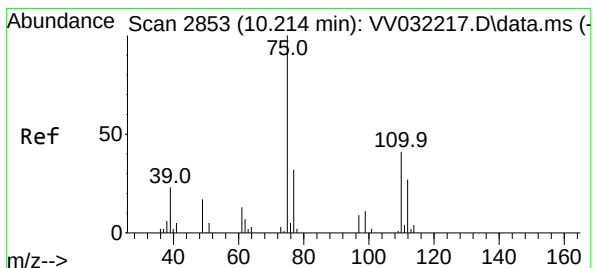
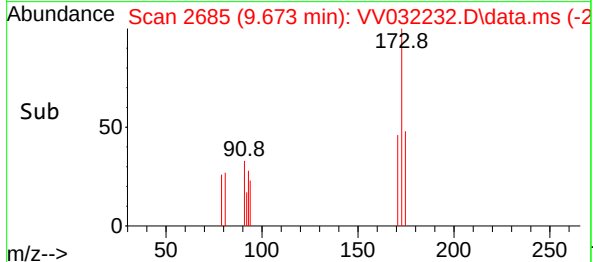
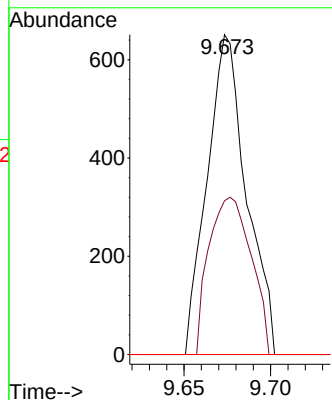
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	173	Resp:	1025
Ion	Ratio	Lower	Upper
173	100		
175	52.9	38.2	57.2
254	0.0	7.0	10.4#



#61

1,2,3-Trichloropropane

Concen: 1.190 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.974 min

Lab File: VV032232.D

Acq: 04 Oct 2023 16:16

Tgt Ion:	75	Resp:	5608
Ion	Ratio	Lower	Upper
75	100		
77	33.3	26.2	39.2
110	0.0	30.6	46.0#

