

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111824\
 Data File : VU061828.D
 Acq On : 18 Nov 2024 22:30
 Operator : MD/SY
 Sample : P4827-09DL 4X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

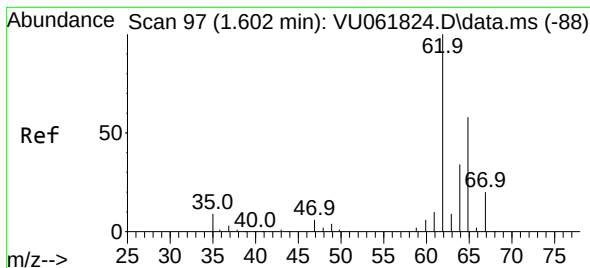
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 03:39:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 19 03:37:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	160658	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	155649	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	90457	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	33103	3.189	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.800%
7) Chloroethane-d5	1.872	69	26703	3.013	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.200%#
11) 1,1-Dichloroethene-d2	2.547	65	16081	3.453	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	4.615	46	110688	50.239	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.480%
24) Chloroform-d	5.049	84	88591	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.689	65	46140	4.660	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.714	84	181301	4.210	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.682	67	57855	4.555	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.888	98	159879	3.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.600%
43) trans-1,3-Dichloroprop...	8.171	79	16698	3.569	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.627	63	101220	54.756	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.520%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52095	5.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	78034	4.844	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	3701	0.310	ug/L #	1
16) Methylene chloride	3.033	84	1851	0.166	ug/L	97
18) trans-1,2-Dichloroethene	3.338	96	10792	1.014	ug/L	92
22) cis-1,2-Dichloroethene	4.650	96	91786	7.651	ug/L	99
34) Trichloroethene	6.528	95	117539	9.241	ug/L	99
35) Methylcyclohexane	6.679	83	13319	0.694	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	5988	0.501	ug/L #	89
49) Dibromochloromethane	8.544	129	1691	0.185	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	10296	1.208	ug/L #	65

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



#5

Vinyl chloride

Concen: 0.310 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

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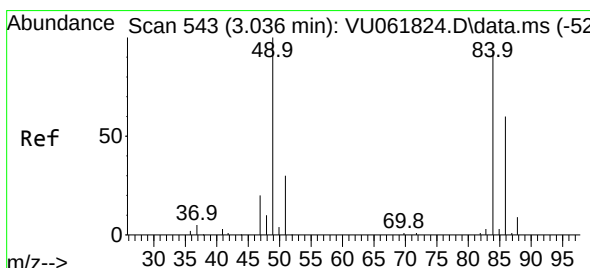
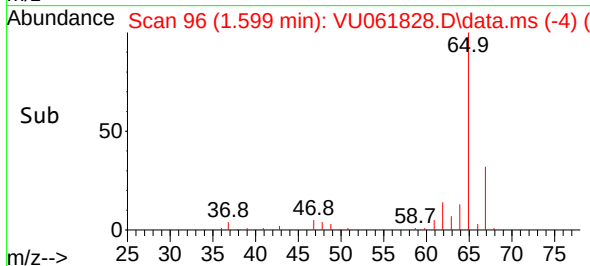
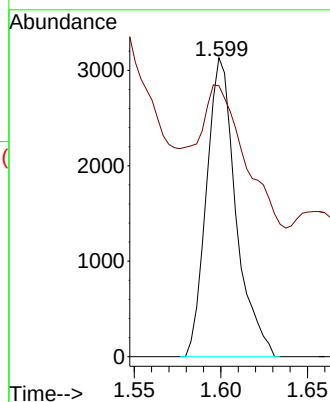
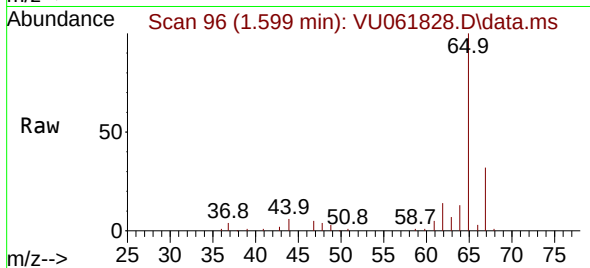
ClientSampleId :

Tgt Ion: 62 Resp: 3701

Ion Ratio Lower Upper

62 100

64 90.6 23.7 44.1#



#16

Methylene chloride

Concen: 0.166 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.003 min

Lab File: VU061828.D

Acq: 18 Nov 2024 22:30

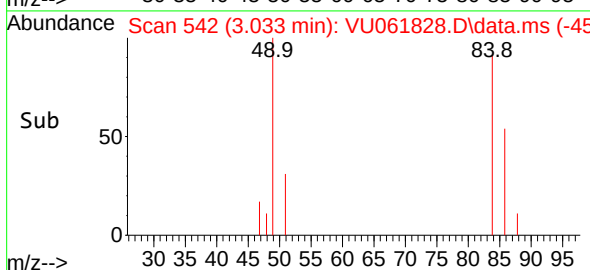
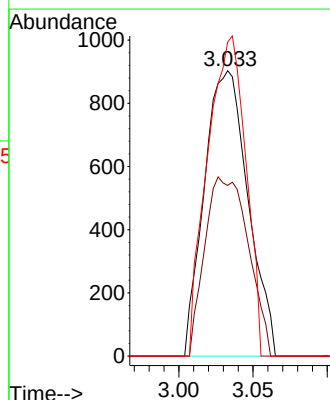
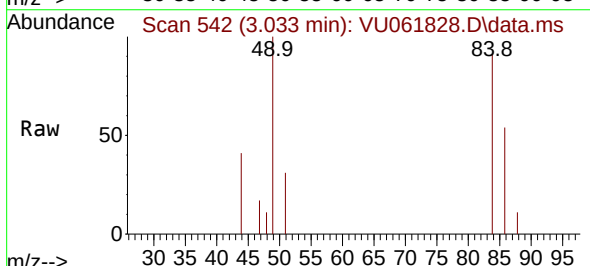
Tgt Ion: 84 Resp: 1851

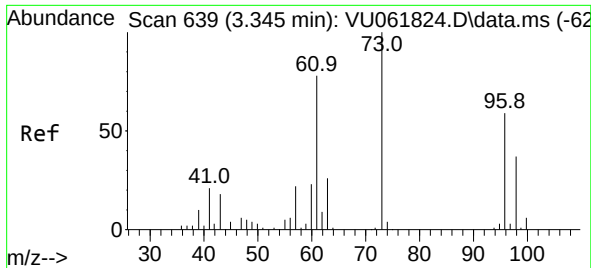
Ion Ratio Lower Upper

84 100

86 59.8 45.1 83.7

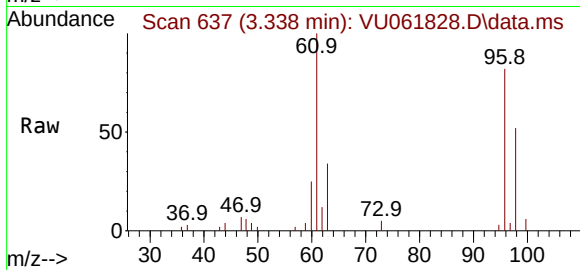
49 110.1 76.3 141.7



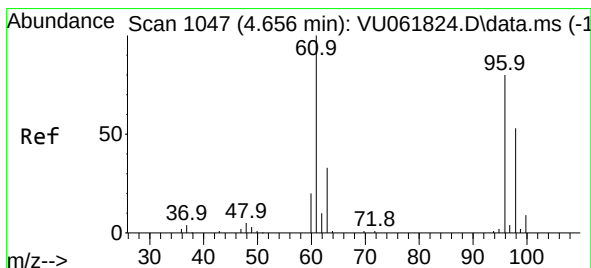
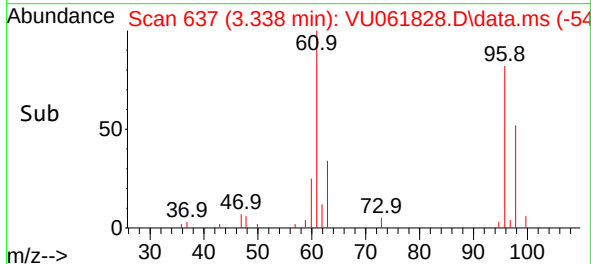
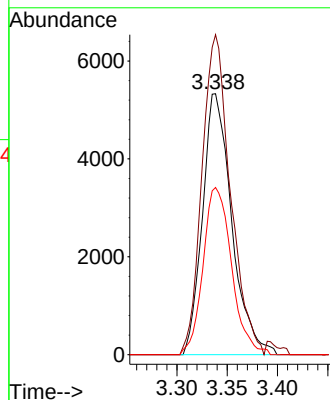


#18
trans-1,2-Dichloroethene
Concen: 1.014 ug/L
RT: 3.338 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU061828.D
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Instrument :
MSVOA_U
ClientSampleId :

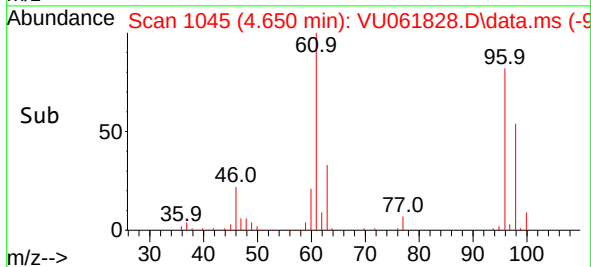
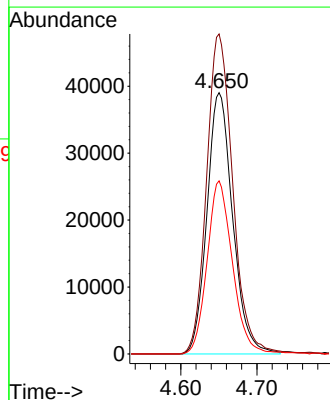
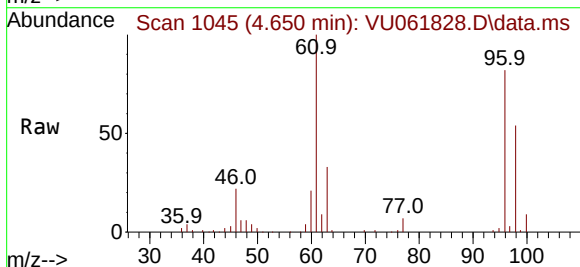


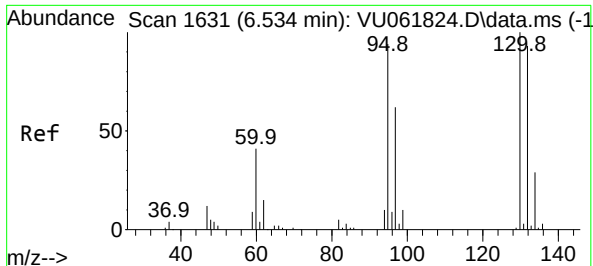
Tgt Ion: 96 Resp: 10792
Ion Ratio Lower Upper
96 100
61 122.6 94.1 174.8
98 64.1 43.2 80.2



#22
cis-1,2-Dichloroethene
Concen: 7.651 ug/L
RT: 4.650 min Scan# 1045
Delta R.T. -0.006 min
Lab File: VU061828.D
Acq: 18 Nov 2024 22:30

Tgt Ion: 96 Resp: 91786
Ion Ratio Lower Upper
96 100
61 122.5 85.6 159.0
98 66.3 45.6 84.8





#34

Trichloroethene

Concen: 9.241 ug/L

RT: 6.528 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU061828.D

Acq: 18 Nov 2024 22:30

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 117539

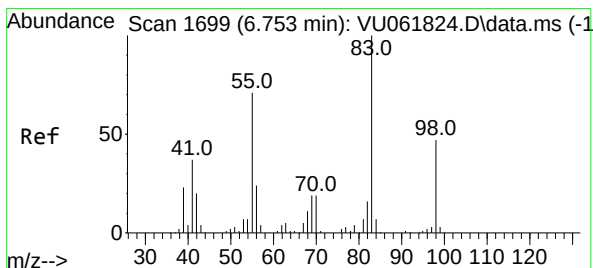
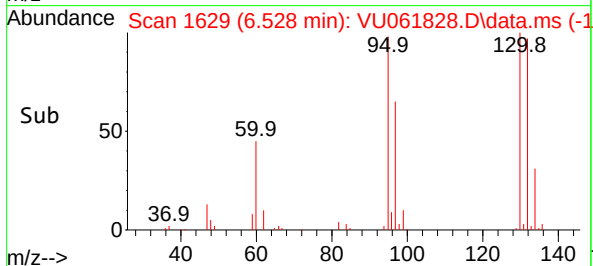
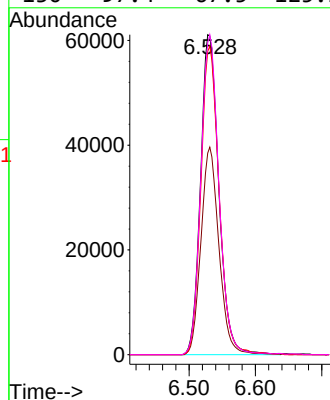
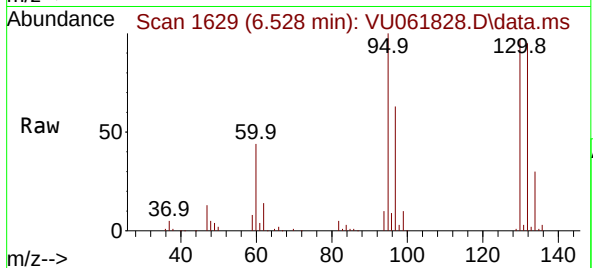
Ion Ratio Lower Upper

95 100

97 63.0 43.5 80.9

132 94.8 65.2 121.0

130 97.4 67.5 125.3



#35

Methylcyclohexane

Concen: 0.694 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.074 min

Lab File: VU061828.D

Acq: 18 Nov 2024 22:30

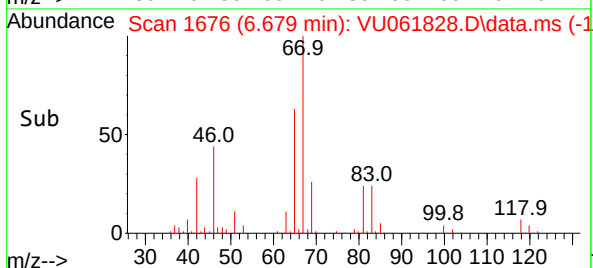
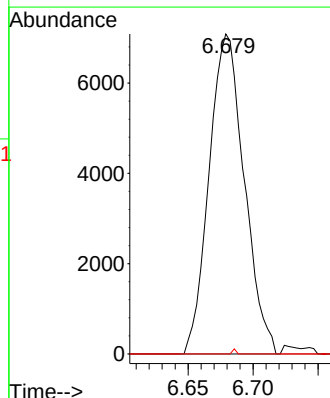
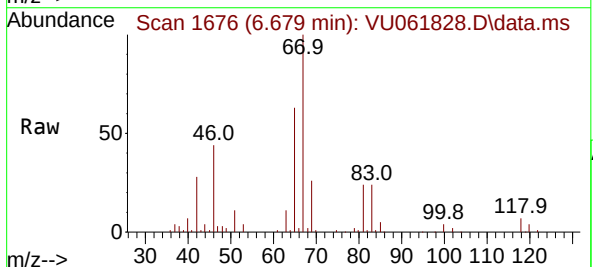
Tgt Ion: 83 Resp: 13319

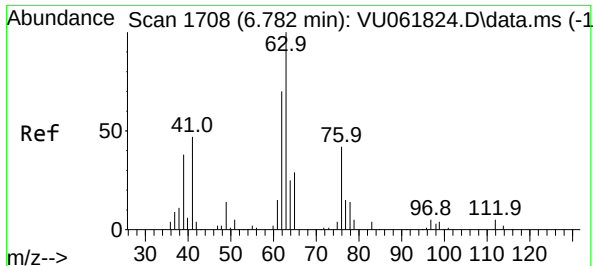
Ion Ratio Lower Upper

83 100

55 0.0 56.4 84.6#

98 0.0 37.7 56.5#

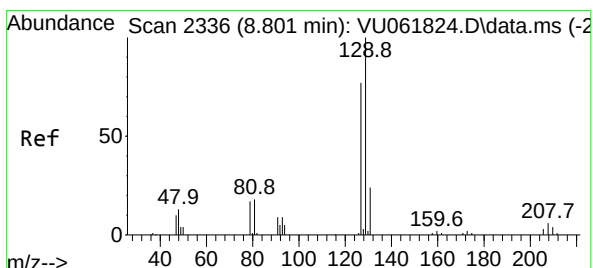
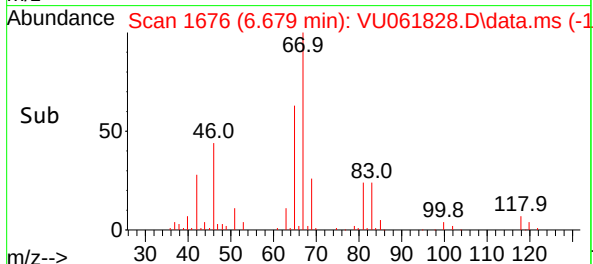
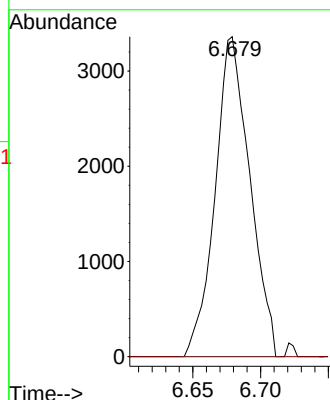
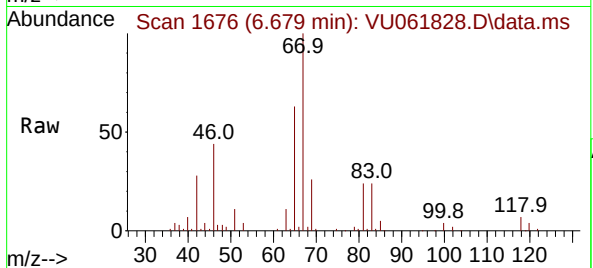




#37
1,2-Dichloropropane
Concen: 0.501 ug/L
RT: 6.679 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU061828.D
Acq: 18 Nov 2024 22:30

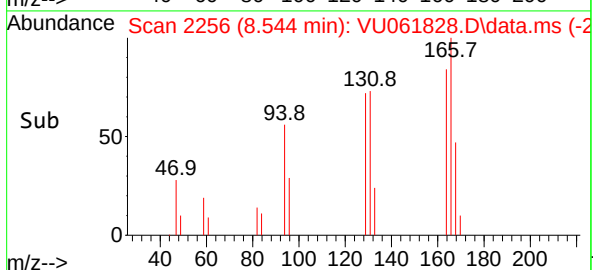
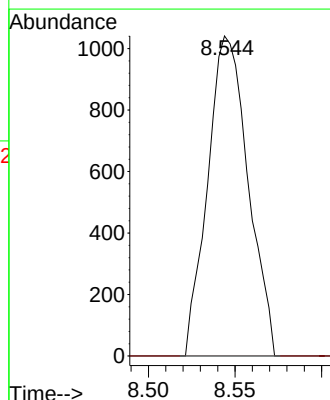
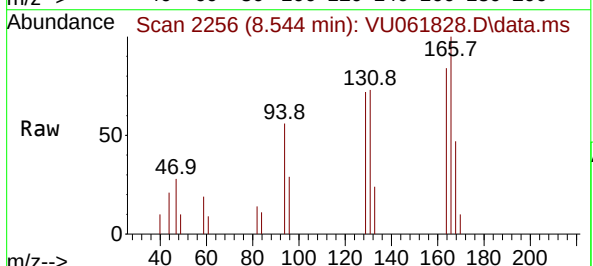
Instrument :
MSVOA_U
ClientSampleId :

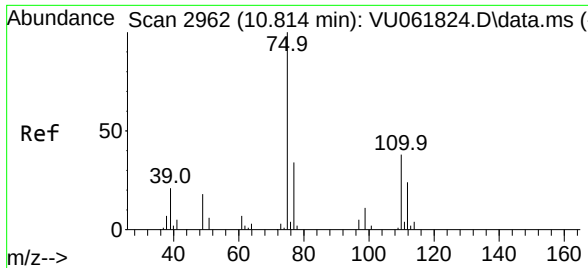
Tgt Ion: 63 Resp: 5988
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#49
Dibromochloromethane
Concen: 0.185 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.257 min
Lab File: VU061828.D
Acq: 18 Nov 2024 22:30

Tgt Ion: 129 Resp: 1691
Ion Ratio Lower Upper
129 100
127 0.0 55.1 102.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.208 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.991 min
 Lab File: VU061828.D
 Acq: 18 Nov 2024 22:30

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75	Resp:	10296
Ion Ratio	Lower	Upper
75	100	
110	1.7	31.3 46.9#
77	34.3	26.0 39.0

