

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057274.D
 Acq On : 27 Dec 2023 09:00
 Operator : MD/SY
 Sample : 05998-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 28 00:55:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 27 01:05:12 2023
 Response via : Initial Calibration

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

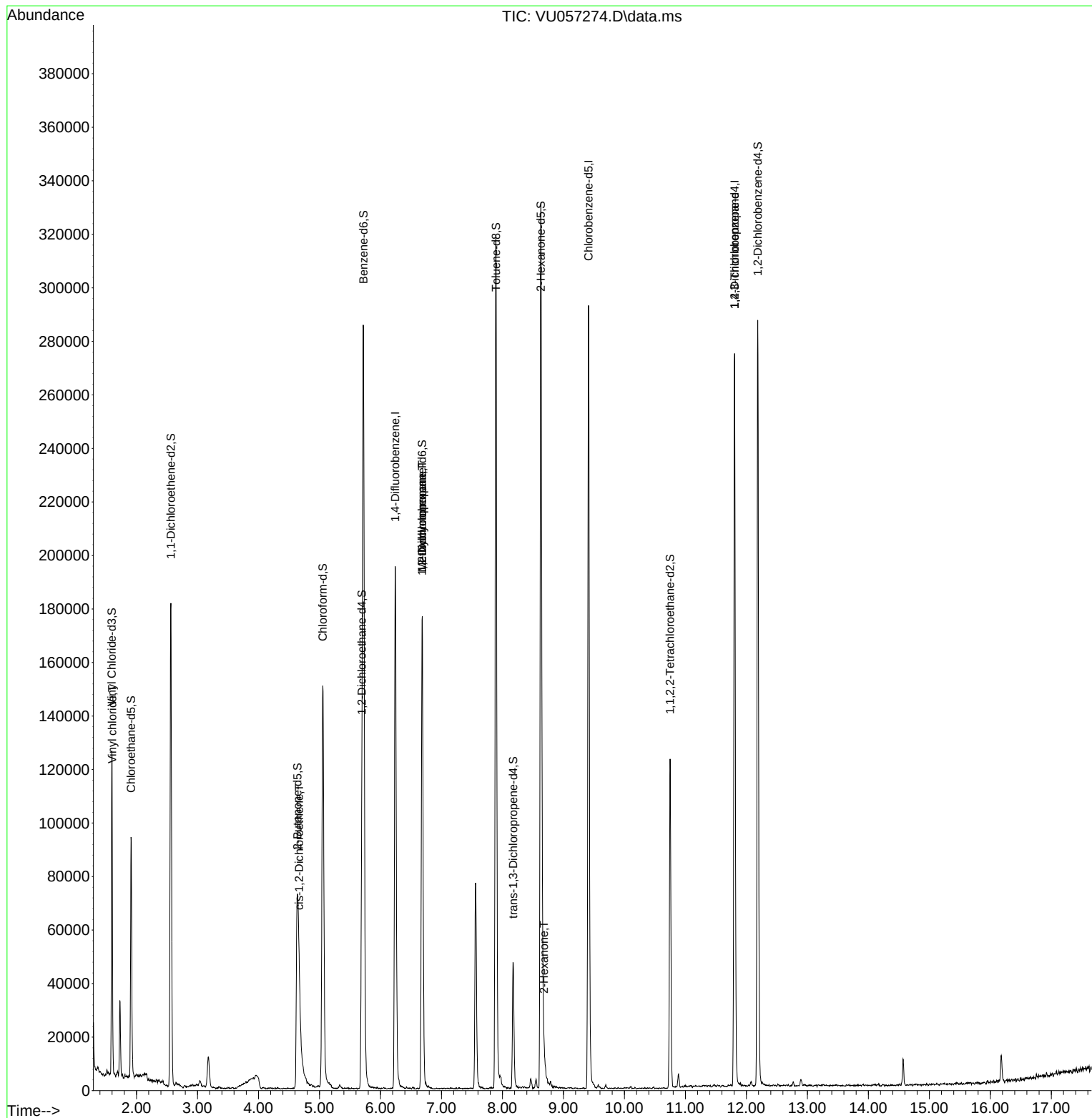
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	158034	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	166324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	73063	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84608	5.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.000%
7) Chloroethane-d5	1.911	69	69113	5.559	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.200%
11) 1,1-Dichloroethene-d2	2.563	65	35053	5.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.200%
20) 2-Butanone-d5	4.640	46	150087	63.285	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.580%
24) Chloroform-d	5.055	84	145199	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.695	65	71196	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.400%
32) Benzene-d6	5.721	84	273924	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
36) 1,2-Dichloropropane-d6	6.685	67	87099	5.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.894	98	217593	4.178	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.177	79	29510	4.367	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.631	63	113766	49.445	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.900%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	63068	5.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	75079	4.775	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	2887	0.209	ug/L #	60
22) cis-1,2-Dichloroethene	4.666	96	4345	0.342	ug/L	96
35) Methylcyclohexane	6.685	83	20366	1.003	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	9199	0.701	ug/L #	89
48) 2-Hexanone	8.682	43	3459	0.825	ug/L #	42
61) 1,2,3-Trichloropropane	11.807	75	10120	1.487	ug/L #	63

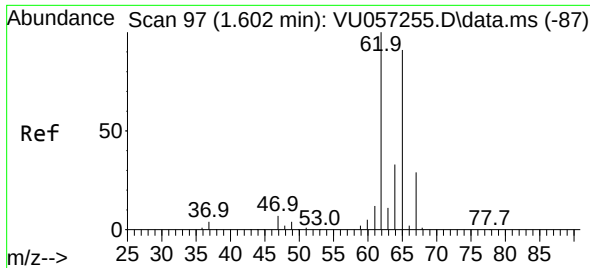
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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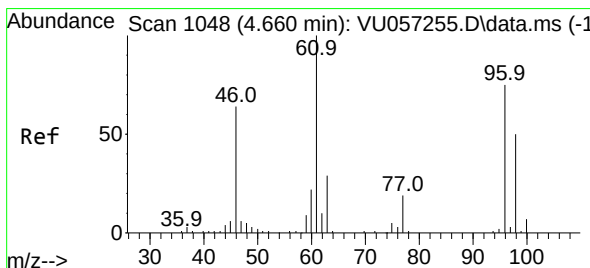
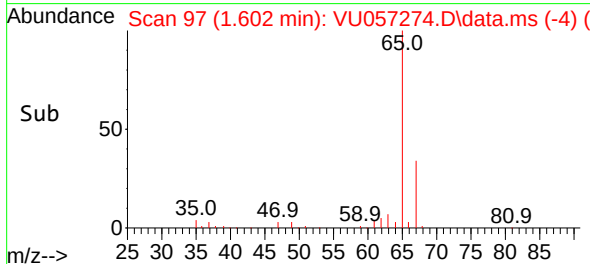
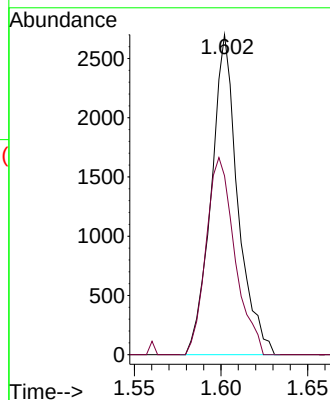
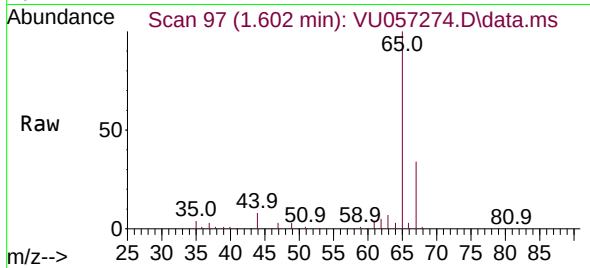




#5
 Vinyl chloride
 Concen: 0.209 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU057274.D
 Acq: 27 Dec 2023 09:00

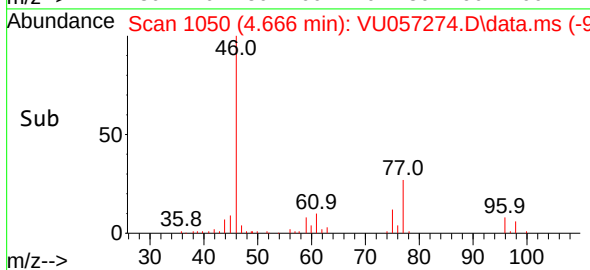
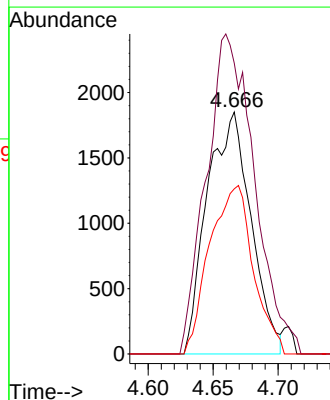
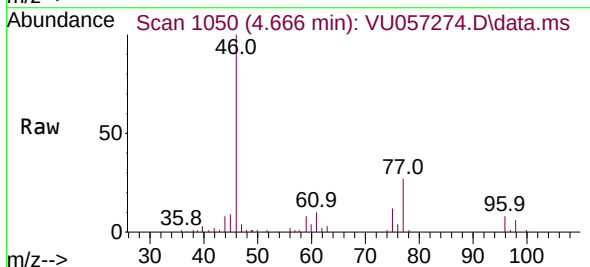
Instrument :
 MSVOA_U
 ClientSampleId :

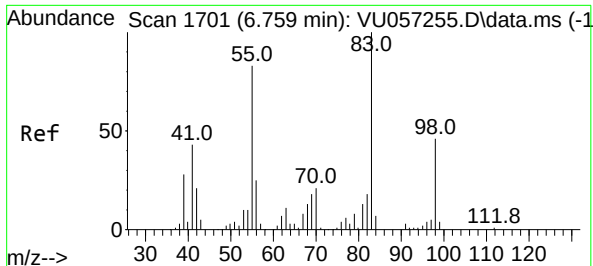
Tgt Ion: 62 Resp: 2887
 Ion Ratio Lower Upper
 62 100
 64 55.9 23.3 43.3#



#22
 cis-1,2-Dichloroethene
 Concen: 0.342 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.007 min
 Lab File: VU057274.D
 Acq: 27 Dec 2023 09:00

Tgt Ion: 96 Resp: 4345
 Ion Ratio Lower Upper
 96 100
 61 120.2 86.8 161.2
 98 68.2 45.5 84.5

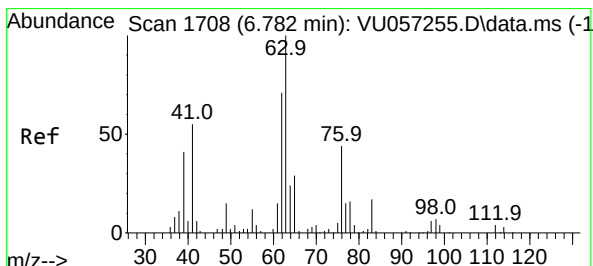
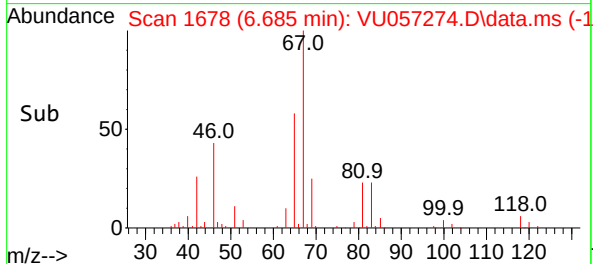
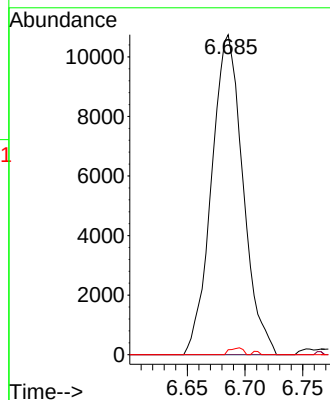
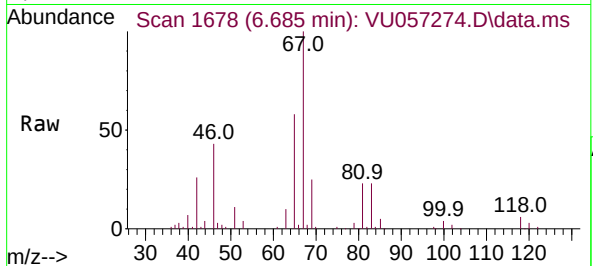




#35
Methylcyclohexane
Concen: 1.003 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057274.D
Acq: 27 Dec 2023 09:00

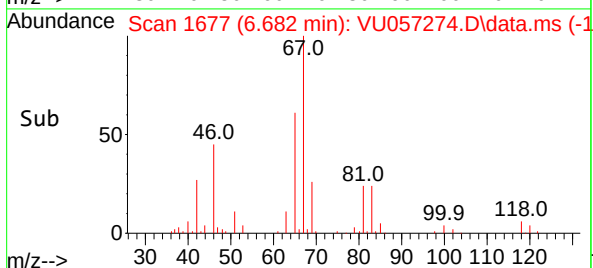
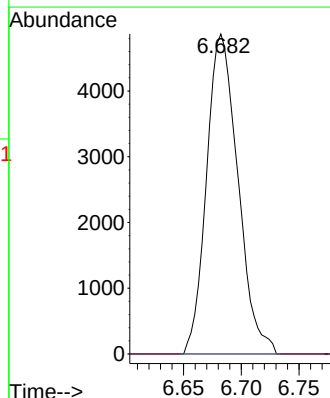
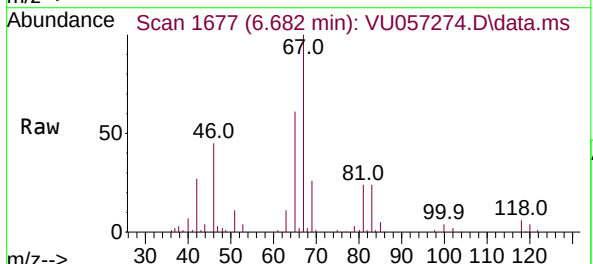
Instrument :
MSVOA_U
ClientSampleId :

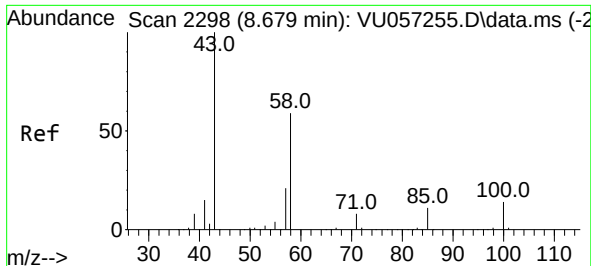
Tgt Ion: 83 Resp: 20366
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.9 36.6 55.0#



#37
1,2-Dichloropropane
Concen: 0.701 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU057274.D
Acq: 27 Dec 2023 09:00

Tgt Ion: 63 Resp: 9199
Ion Ratio Lower Upper
63 100
112 0.2 3.1 4.7#

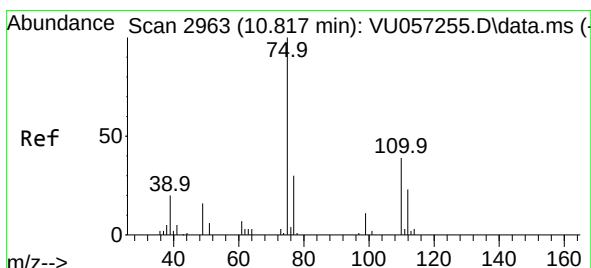
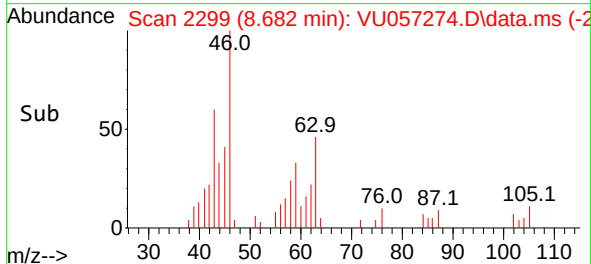
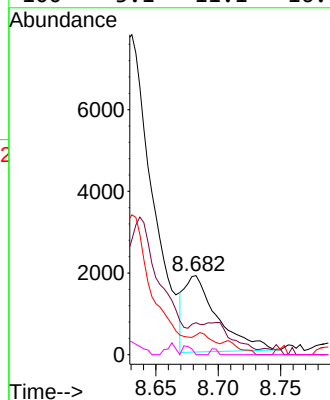
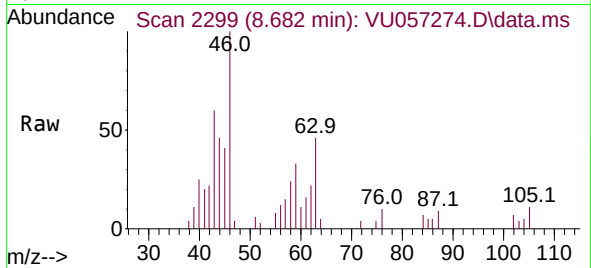




#48
2-Hexanone
Concen: 0.825 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU057274.D
Acq: 27 Dec 2023 09:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 3459
Ion Ratio Lower Upper
43 100
58 0.0 49.8 74.8#
57 15.9 18.5 27.7#
100 3.1 11.1 16.7#



#61
1,2,3-Trichloropropane
Concen: 1.487 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057274.D
Acq: 27 Dec 2023 09:00

Tgt Ion: 75 Resp: 10120
Ion Ratio Lower Upper
75 100
110 1.0 31.2 46.8#
77 28.1 25.5 38.3

