

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054723.D
 Acq On : 30 Jun 2023 15:29
 Operator : MD/SY
 Sample : 03478-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YBW95

Quant Time: Jul 03 06:45:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

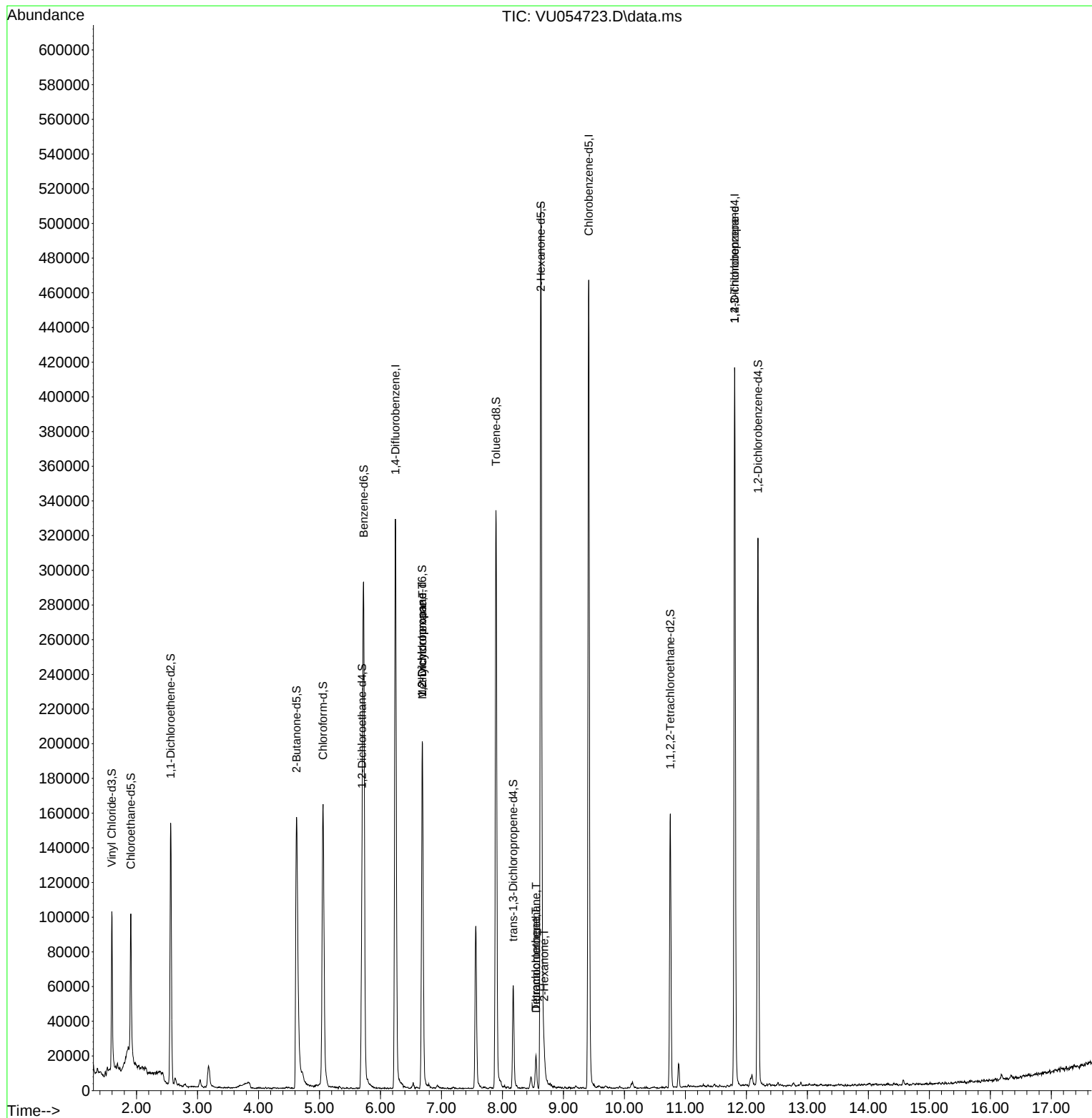
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	263060	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	256834	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	109621	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	72594	4.336	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.800%
7) Chloroethane-d5	1.907	69	66990	4.274	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	29406	3.933	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.624	46	250690	53.259	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.520%
24) Chloroform-d	5.058	84	144275	4.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.698	65	77931	4.568	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.724	84	273264	3.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
36) 1,2-Dichloropropane-d6	6.685	67	97842	4.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.894	98	222881	3.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.400%
43) trans-1,3-Dichloroprop...	8.177	79	33904	4.089	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.631	63	165509	47.580	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.160%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	81948	4.609	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	83493	4.516	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						Qvalue
35) Methylcyclohexane	6.688	83	20882	0.566	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	10417	0.417	ug/L #	91
47) Tetrachloroethene	8.550	164	4152	0.222	ug/L	89
48) 2-Hexanone	8.685	43	8960	0.903	ug/L #	85
49) Dibromochloromethane	8.553	129	3745	0.225	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	14453	1.305	ug/L #	69

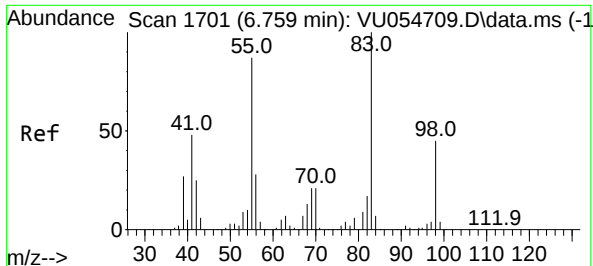
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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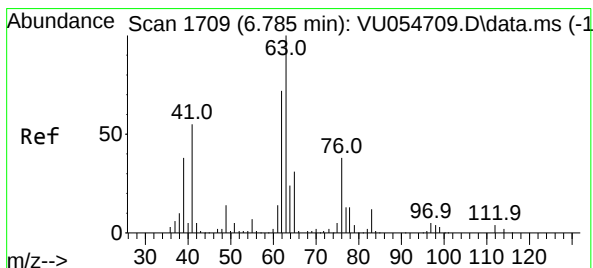
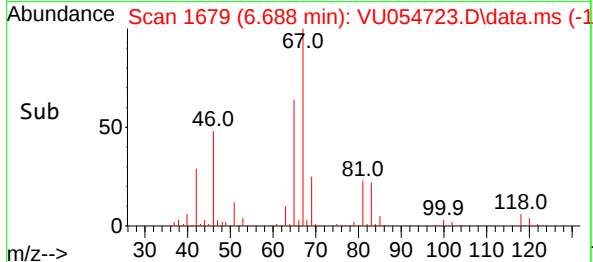
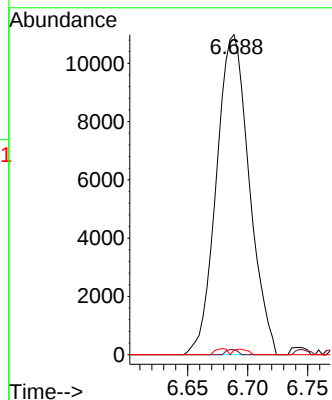
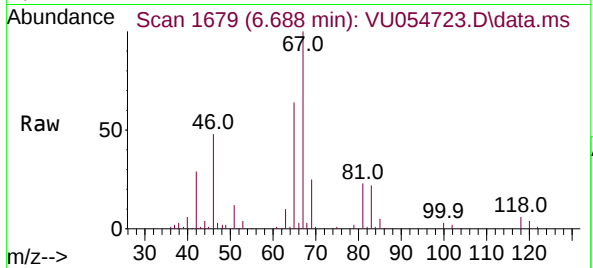




#35
Methylcyclohexane
Concen: 0.566 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU054723.D
Acq: 30 Jun 2023 15:29

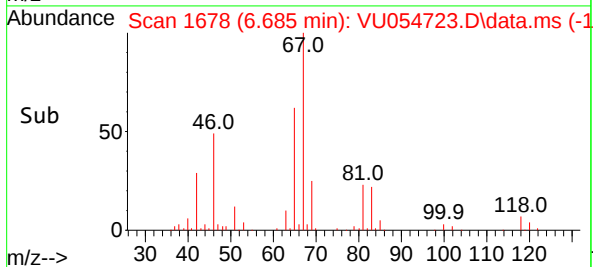
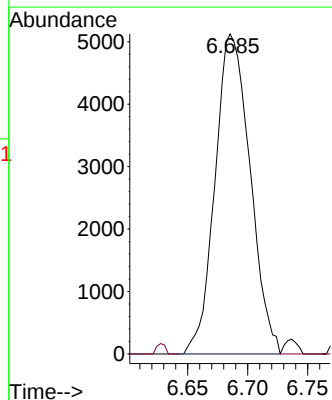
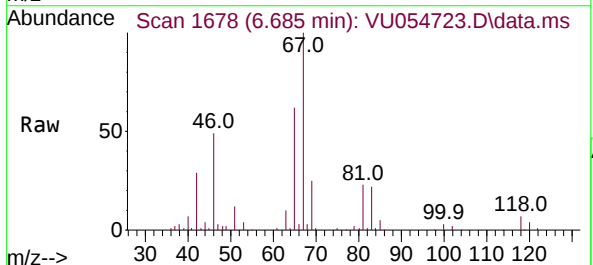
Instrument :
MSVOA_U
ClientSampleId :
YBW95

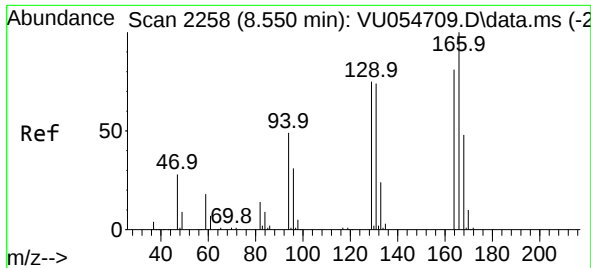
Tgt Ion: 83 Resp: 20882
Ion Ratio Lower Upper
83 100
55 0.5 67.1 100.7#
98 0.7 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.417 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU054723.D
Acq: 30 Jun 2023 15:29

Tgt Ion: 63 Resp: 10417
Ion Ratio Lower Upper
63 100
112 0.8 3.0 4.6#





#47

Tetrachloroethene

Concen: 0.222 ug/L

RT: 8.550 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054723.D

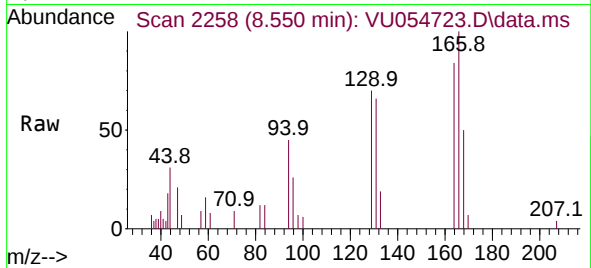
Acq: 30 Jun 2023 15:29

Instrument :

MSVOA_U

ClientSampleId :

YBW95



Tgt Ion:164 Resp: 4152

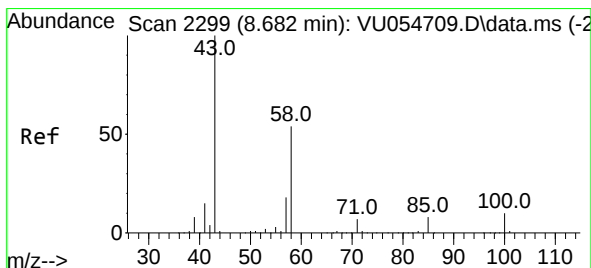
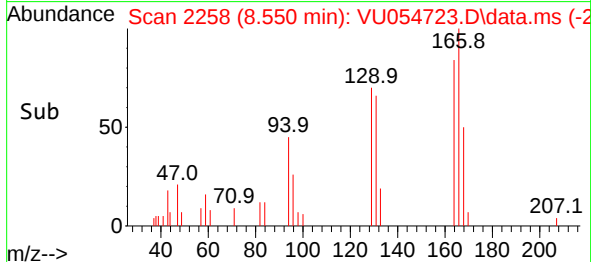
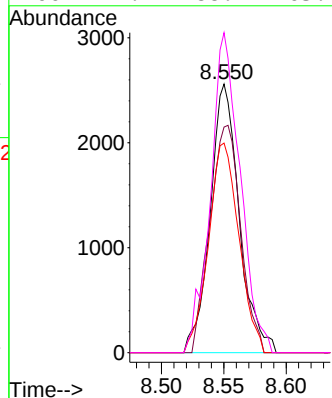
Ion Ratio Lower Upper

164 100

129 83.9 67.7 125.7

131 78.0 64.6 120.0

166 119.1 88.1 163.7



#48

2-Hexanone

Concen: 0.903 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU054723.D

Acq: 30 Jun 2023 15:29

Tgt Ion: 43 Resp: 8960

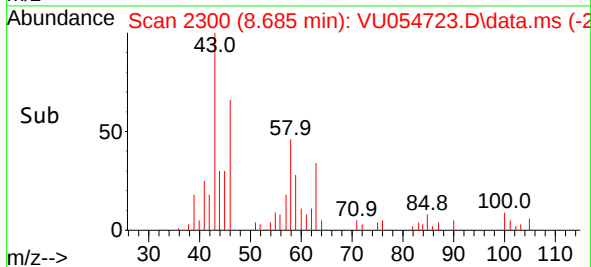
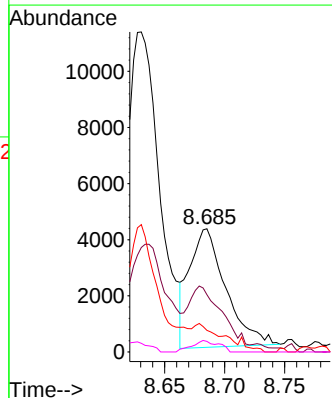
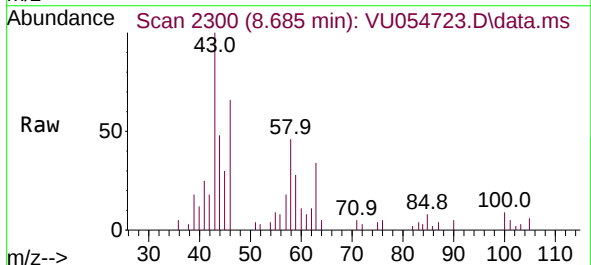
Ion Ratio Lower Upper

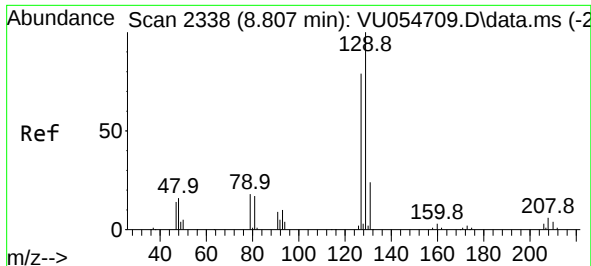
43 100

58 46.5 45.2 67.8

57 10.8 15.8 23.6#

100 7.0 8.7 13.1#

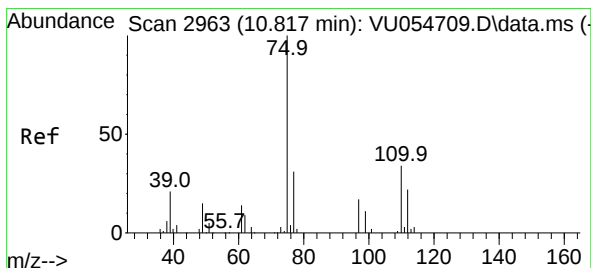
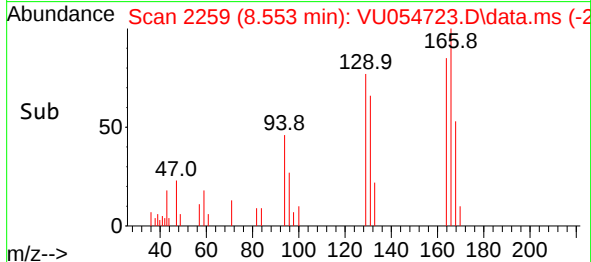
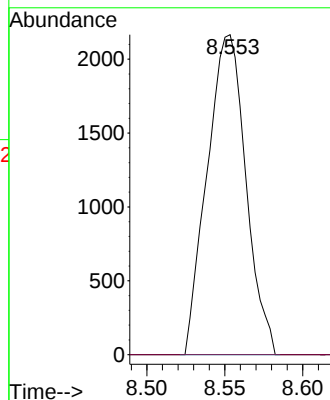
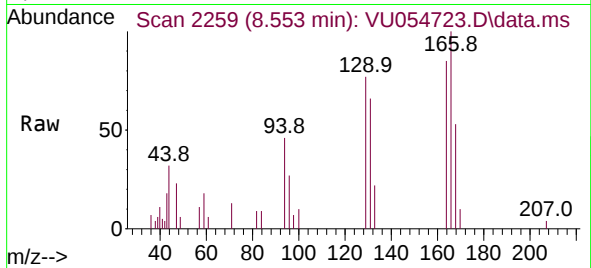




#49
Dibromochloromethane
Concen: 0.225 ug/L
RT: 8.553 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU054723.D
Acq: 30 Jun 2023 15:29

Instrument :
MSVOA_U
ClientSampleId :
YBW95

Tgt Ion:129 Resp: 3745
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#



#61
1,2,3-Trichloropropane
Concen: 1.305 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054723.D
Acq: 30 Jun 2023 15:29

Tgt Ion: 75 Resp: 14453
Ion Ratio Lower Upper
75 100
110 2.0 28.0 42.0#
77 30.9 25.4 38.2

