

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081324\
 Data File : VV036921.D
 Acq On : 13 Aug 2024 15:44
 Operator : SY/MD
 Sample : P3589-02
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 14 04:12:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:10:20 2024
 Response via : Initial Calibration

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

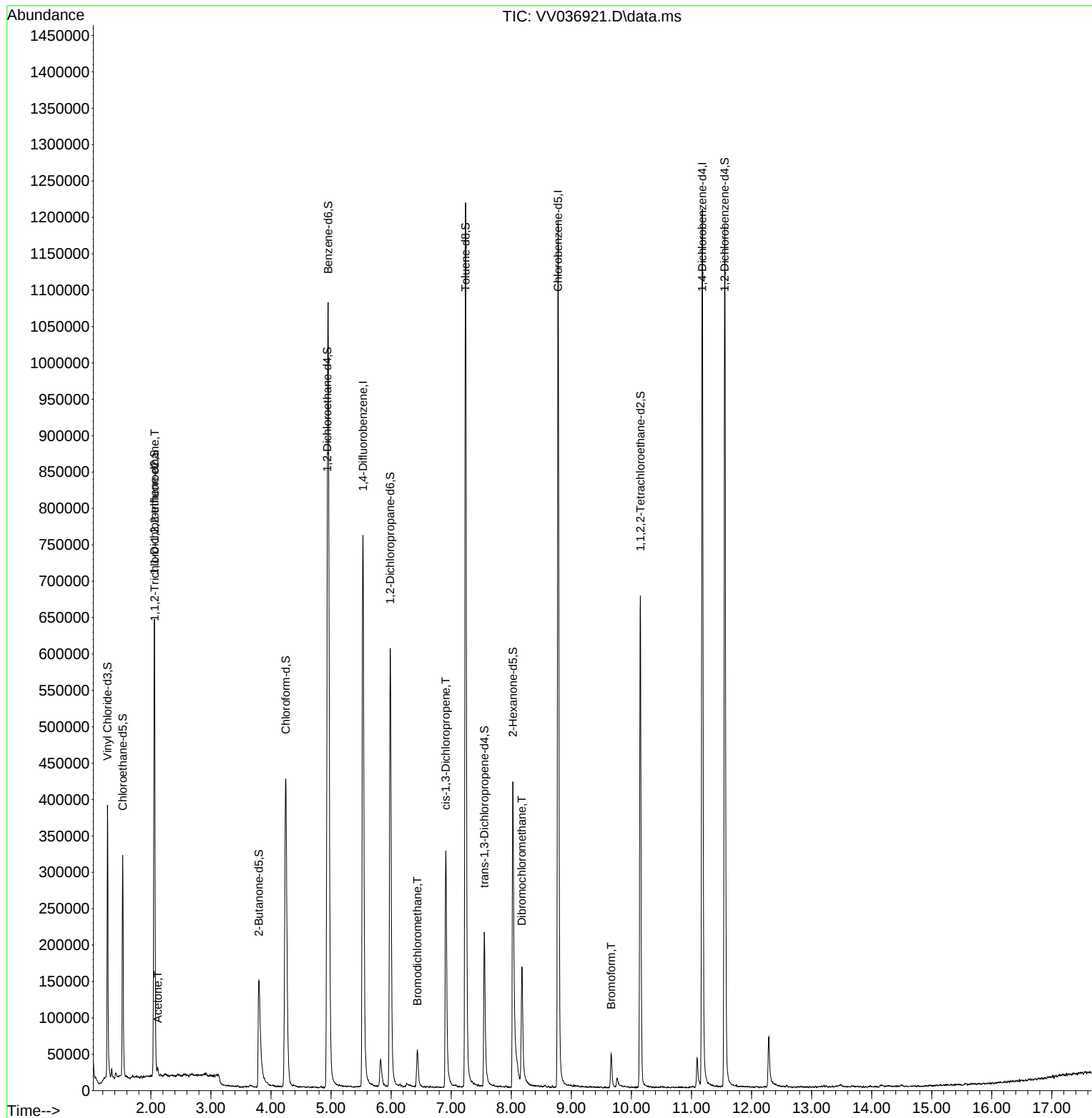
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	668504	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	636310	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	307890	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	247085	46.276	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.560%
7) Chloroethane-d5	1.532	69	200031	47.506	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.020%
11) 1,1-Dichloroethene-d2	2.060	65	107433	47.038	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.080%
21) 2-Butanone-d5	3.799	46	239014	84.487	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.490%
24) Chloroform-d	4.246	84	447743	46.728	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.460%
26) 1,2-Dichloroethane-d4	4.937	65	290682	47.184	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.360%
32) Benzene-d6	4.953	84	911719	47.439	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.880%
36) 1,2-Dichloropropane-d6	5.986	67	296494	47.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	7.240	98	805002	45.662	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.320%
43) trans-1,3-Dichloroprop...	7.551	79	127095	39.387	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.780%
47) 2-Hexanone-d5	8.027	63	143453	80.467	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.470%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	332147	46.655	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.320%
66) 1,2-Dichlorobenzene-d4	11.554	152	298274	47.541	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.080%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	3248	0.735	ug/L #	27
13) Acetone	2.114	43	10368	4.380	ug/L	91
38) Bromodichloromethane	6.436	83	36681	5.283	ug/L	98
39) cis-1,3-Dichloropropene	6.908	75	8800	1.019	ug/L #	65
49) Dibromochloromethane	8.175	129	55189	10.999	ug/L	95
59) Bromoform	9.664	173	20913	6.140	ug/L	96

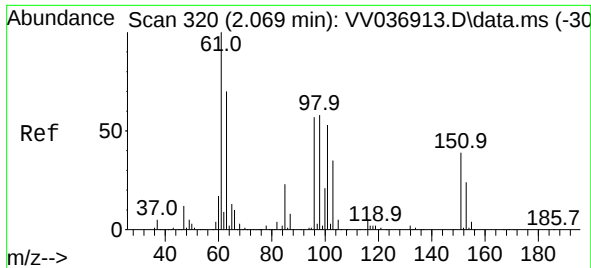
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Aug 14 04:10:20 2024
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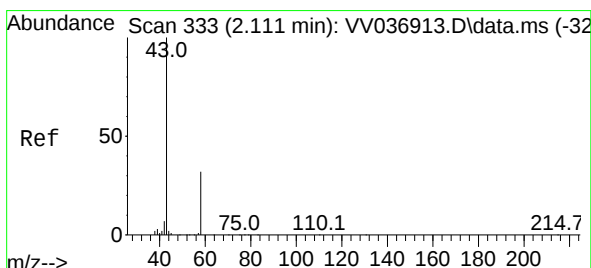
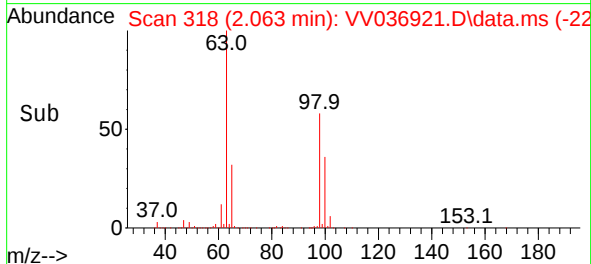
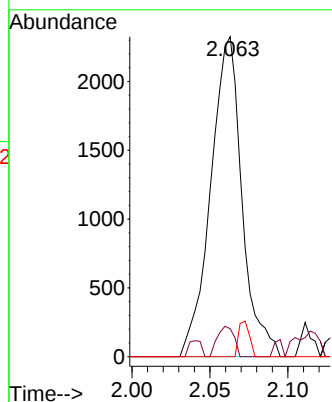
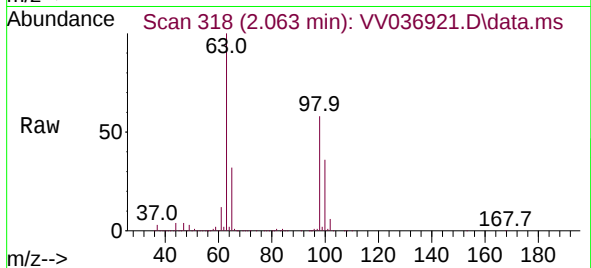




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.735 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.006 min
Lab File: VV036921.D
Acq: 13 Aug 2024 15:44

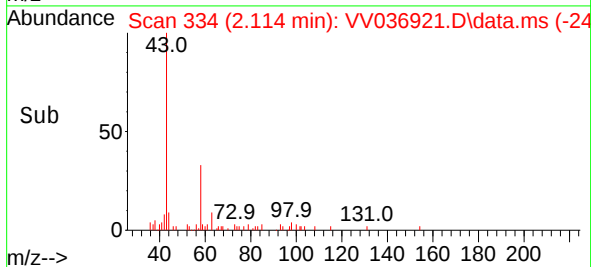
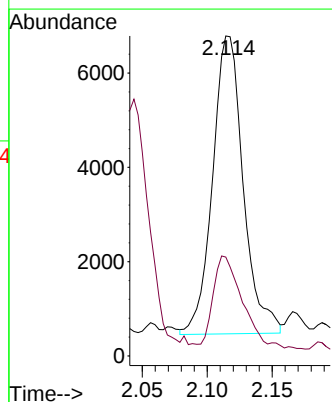
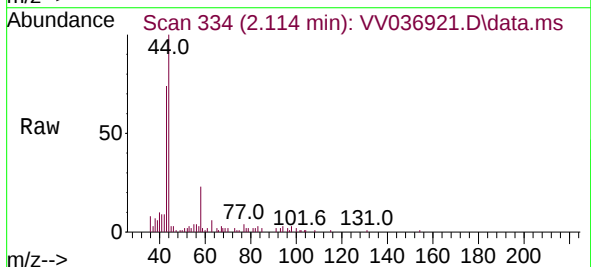
Instrument :
MSVOA_V
ClientSampleId :

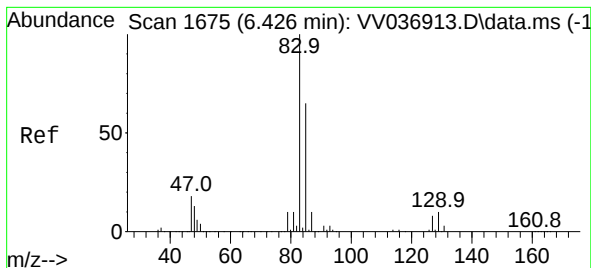
Tgt Ion:101 Resp: 3248
Ion Ratio Lower Upper
101 100
85 5.0 34.6 51.8#
151 3.8 55.9 83.9#



#13
Acetone
Concen: 4.380 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV036921.D
Acq: 13 Aug 2024 15:44

Tgt Ion: 43 Resp: 10368
Ion Ratio Lower Upper
43 100
58 27.0 0.0 63.4





#38

Bromodichloromethane

Concen: 5.283 ug/L

RT: 6.436 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV036921.D

Acq: 13 Aug 2024 15:44

Instrument :

MSVOA_V

ClientSampleId :

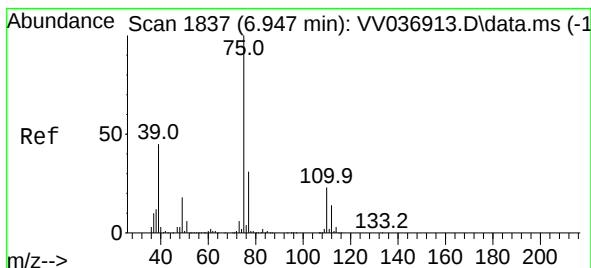
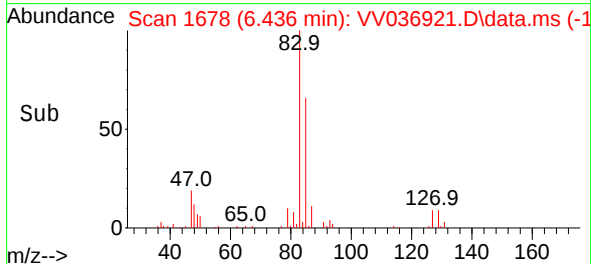
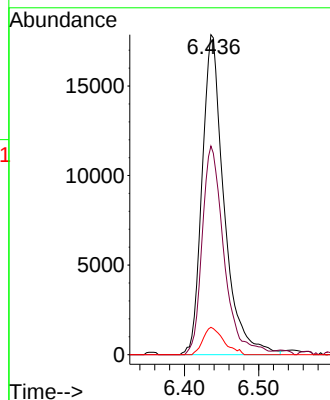
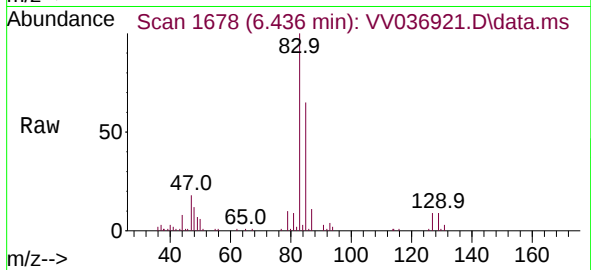
Tgt Ion: 83 Resp: 36681

Ion Ratio Lower Upper

83 100

85 65.2 44.7 83.1

127 8.5 6.2 9.4



#39

cis-1,3-Dichloropropene

Concen: 1.019 ug/L

RT: 6.908 min Scan# 1825

Delta R.T. -0.038 min

Lab File: VV036921.D

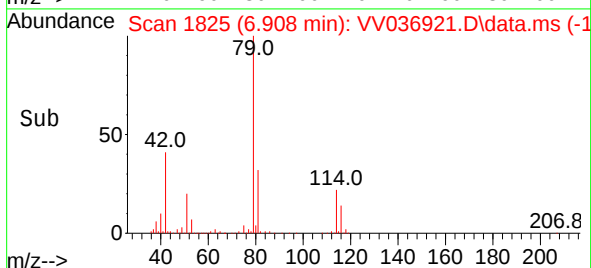
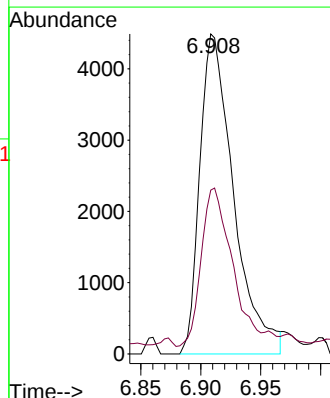
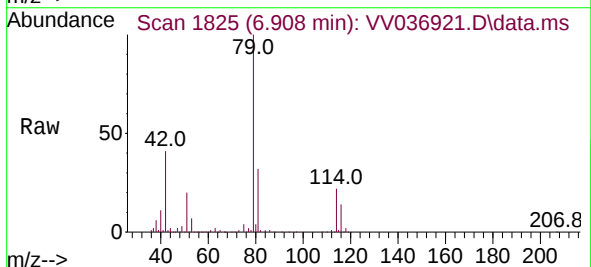
Acq: 13 Aug 2024 15:44

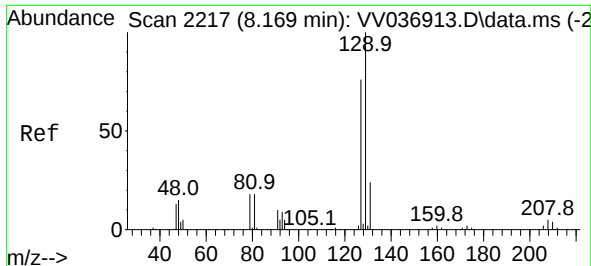
Tgt Ion: 75 Resp: 8800

Ion Ratio Lower Upper

75 100

77 51.2 22.2 41.2#





#49

Dibromochloromethane

Concen: 10.999 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.007 min

Lab File: VV036921.D

Acq: 13 Aug 2024 15:44

Instrument :

MSVOA_V

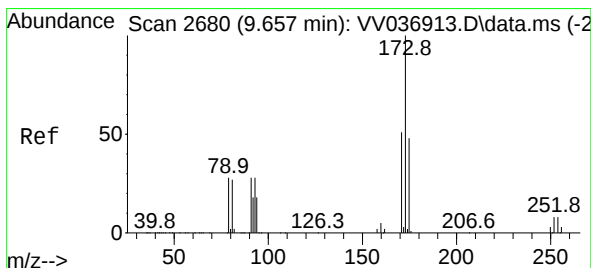
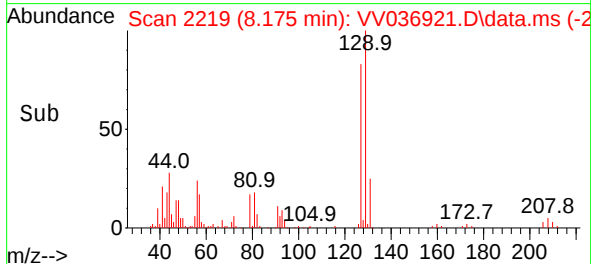
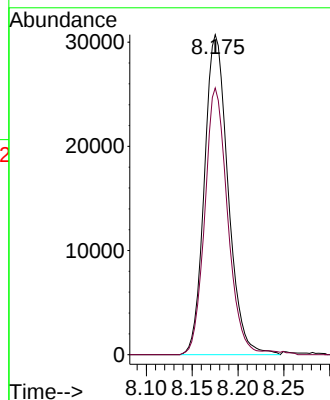
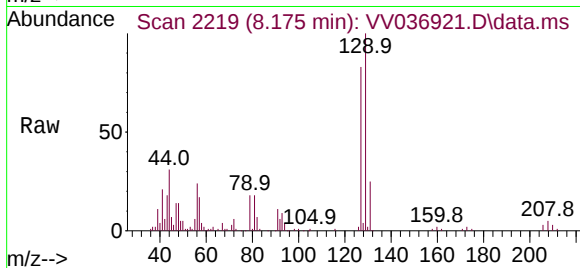
ClientSampleId :

Tgt Ion:129 Resp: 55189

Ion Ratio Lower Upper

129 100

127 83.4 55.4 102.8



#59

Bromoform

Concen: 6.140 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. 0.007 min

Lab File: VV036921.D

Acq: 13 Aug 2024 15:44

Tgt Ion:173 Resp: 20913

Ion Ratio Lower Upper

173 100

175 47.0 39.8 59.8

254 8.3 6.8 10.2

