

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082423\
 Data File : VW031886.D
 Acq On : 23 Aug 2023 23:57
 Operator : SY/MD
 Sample : 04115-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AP5

Quant Time: Aug 24 05:01:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR082323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 24 04:46:53 2023
 Response via : Initial Calibration

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

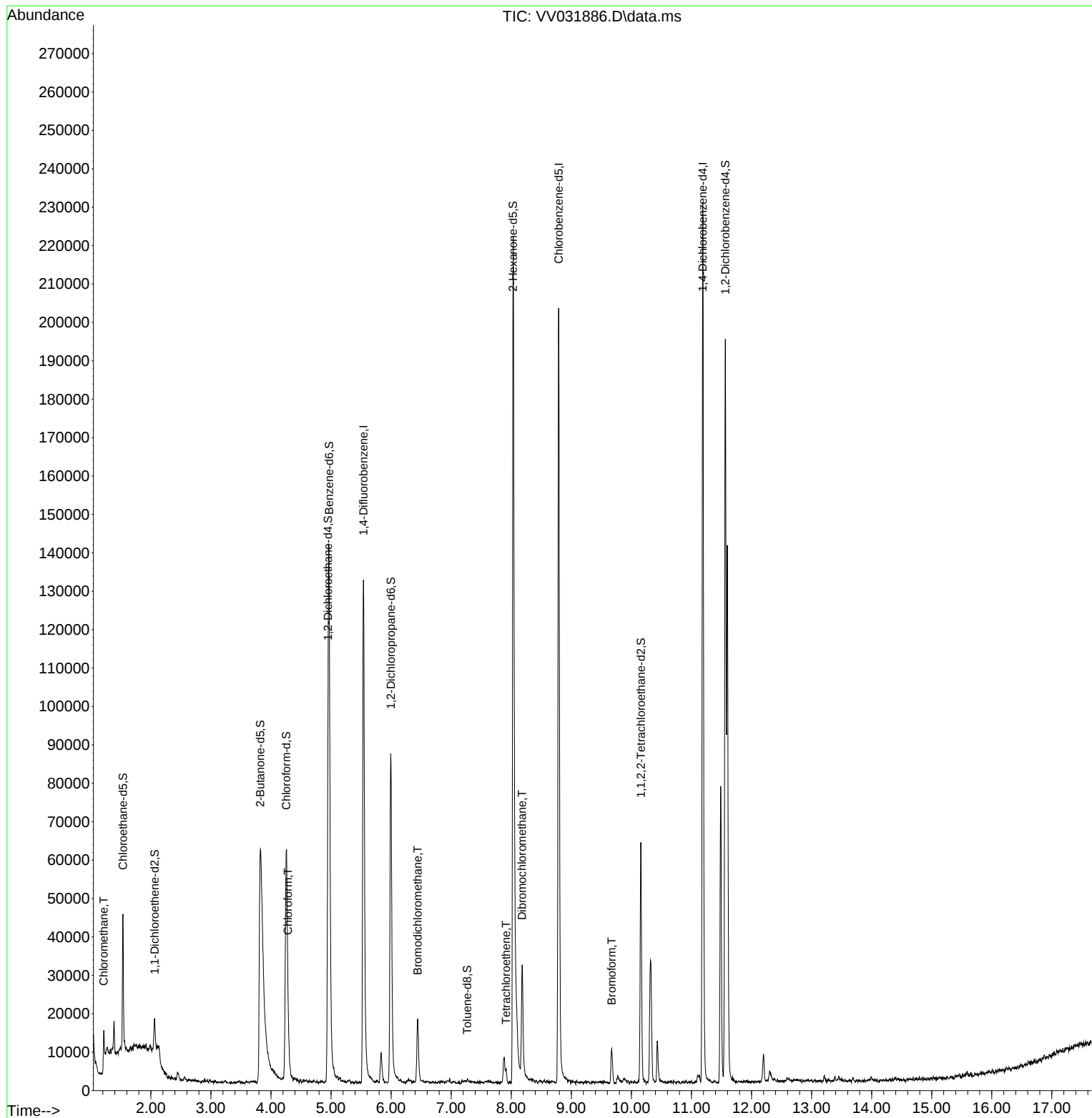
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	116634	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	109398	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	55886	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0d	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.536	69	22432	4.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.063	65	1480	0.638	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	12.800%#
20) 2-Butanone-d5	3.822	46	115009	60.312	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.620%
24) Chloroform-d	4.253	84	64932	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	4.950	65	34799	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	4.966	84	128222	5.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	5.995	67	44160	5.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.269	98	427	0.018	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.400%#
43) trans-1,3-Dichloroprop...	0.000	79	0d	0.000	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.000%#
46) 2-Hexanone-d5	8.031	63	85895	50.329	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.660%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	31289	4.968	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.564	152	46385	5.125	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	4667	0.654	ug/L	97
25) Chloroform	4.281	83	6185	0.495	ug/L	96
38) Bromodichloromethane	6.442	83	12120	1.349	ug/L	96
47) Tetrachloroethene	7.915	164	677	0.144	ug/L	86
49) Dibromochloromethane	8.182	129	14716	2.842	ug/L	96
59) Bromoform	9.670	173	4260	1.613	ug/L #	97

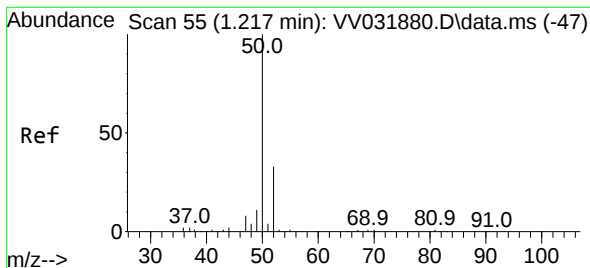
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 24 04:46:53 2023
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.654 ug/L

RT: 1.217 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV031886.D

Acq: 23 Aug 2023 23:57

Instrument :

MSVOA_V

ClientSampleId :

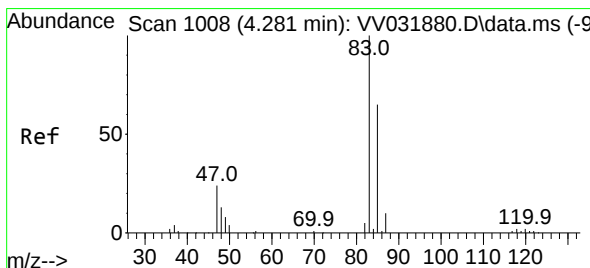
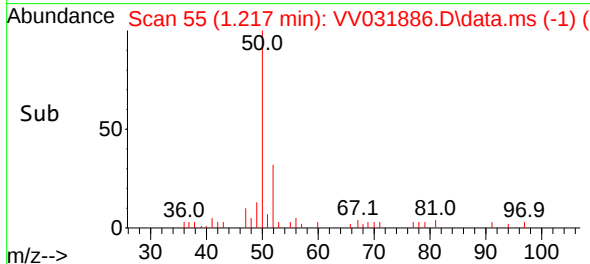
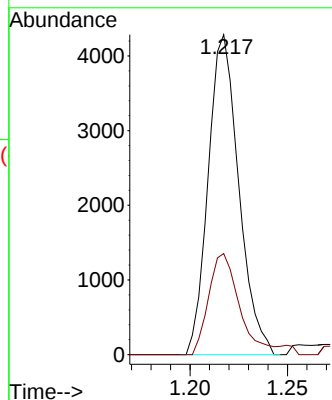
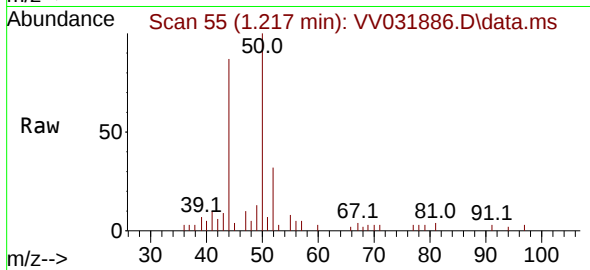
C0AP5

Tgt Ion: 50 Resp: 4667

Ion Ratio Lower Upper

50 100

52 31.6 23.3 43.3



#25

Chloroform

Concen: 0.495 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.000 min

Lab File: VV031886.D

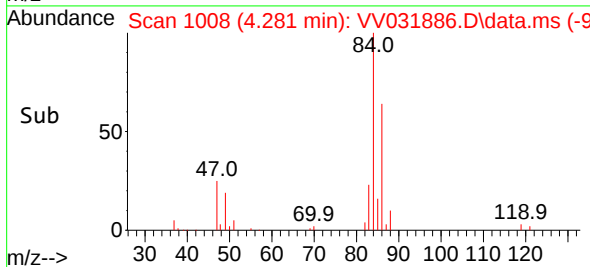
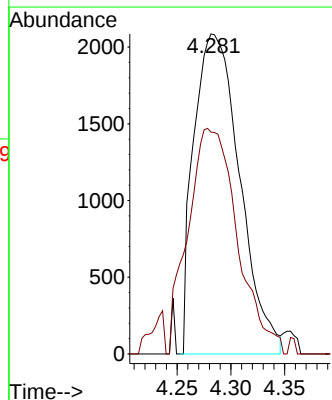
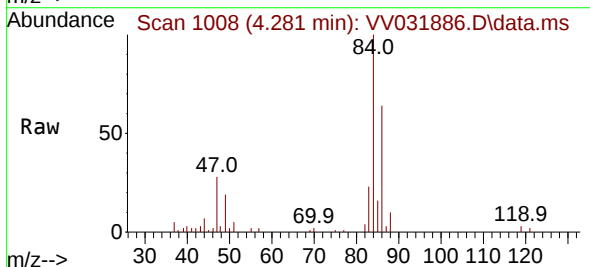
Acq: 23 Aug 2023 23:57

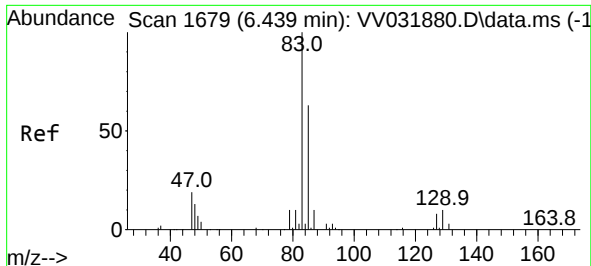
Tgt Ion: 83 Resp: 6185

Ion Ratio Lower Upper

83 100

85 69.3 46.4 86.2

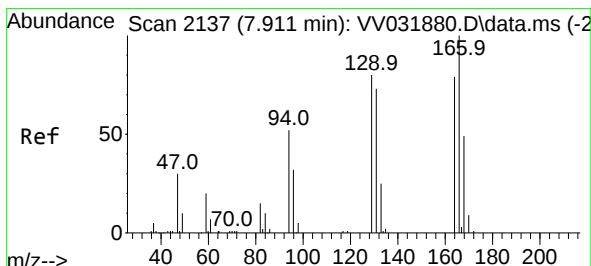
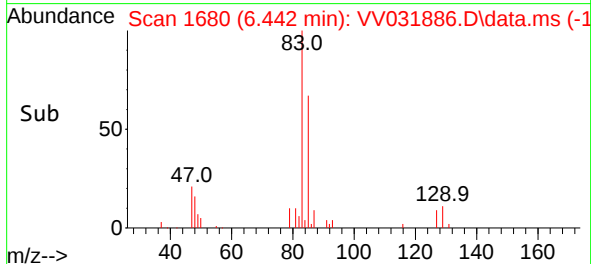
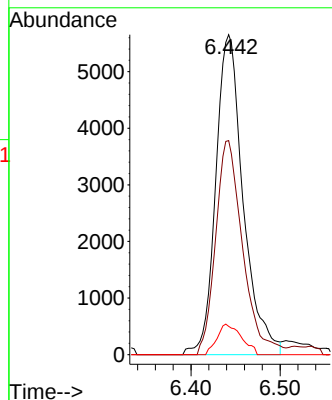
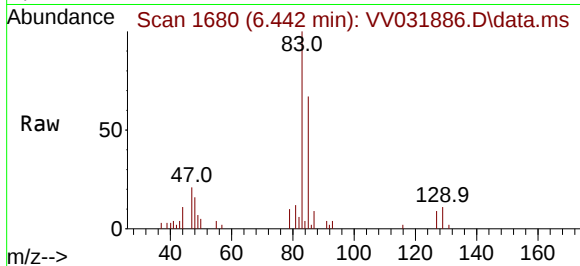




#38
Bromodichloromethane
Concen: 1.349 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV031886.D
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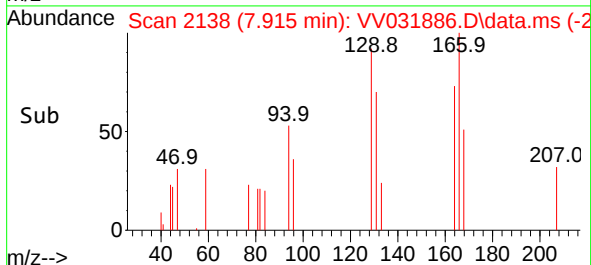
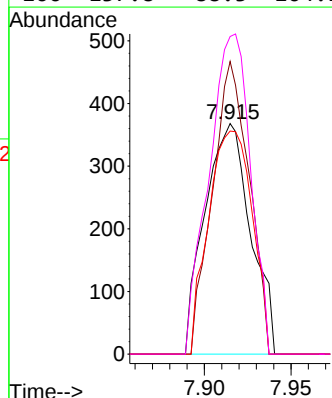
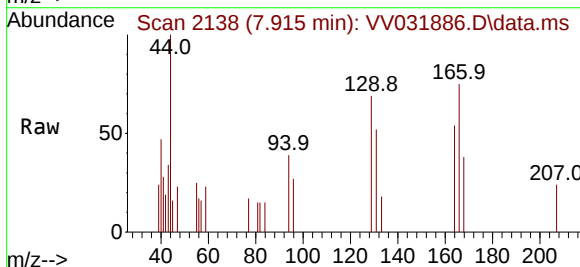
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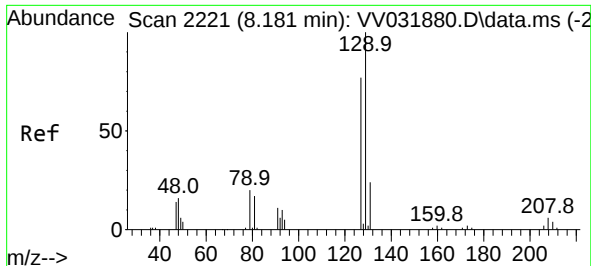
Tgt Ion:	83	Resp:	12120
Ion	Ratio	Lower	Upper
83	100		
85	66.9	44.4	82.4
127	8.8	6.2	9.4



#47
Tetrachloroethene
Concen: 0.144 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VV031886.D
Acq: 23 Aug 2023 23:57

Tgt Ion:	164	Resp:	677
Ion	Ratio	Lower	Upper
164	100		
129	126.9	70.6	131.2
131	96.7	64.6	120.0
166	137.8	88.3	164.1





#49

Dibromochloromethane

Concen: 2.842 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031886.D

Acq: 23 Aug 2023 23:57

Instrument :

MSVOA_V

ClientSampleId :

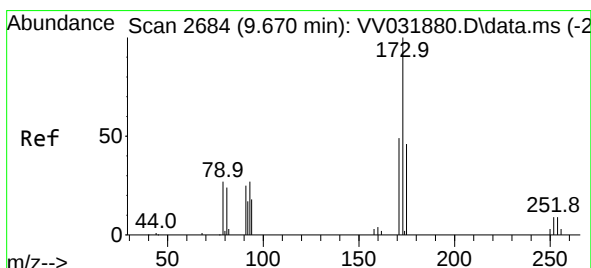
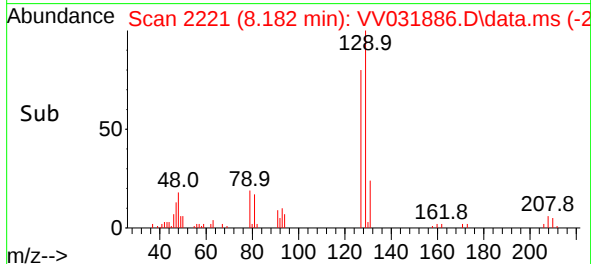
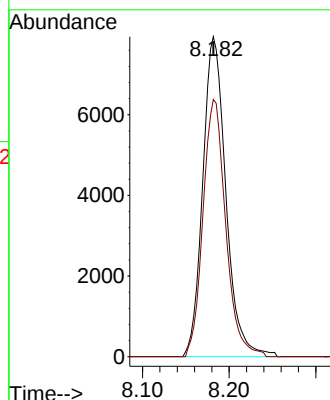
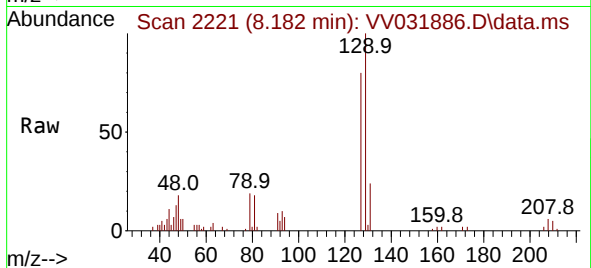
C0AP5

Tgt Ion:129 Resp: 14716

Ion Ratio Lower Upper

129 100

127 80.3 53.7 99.7



#59

Bromoform

Concen: 1.613 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.000 min

Lab File: VV031886.D

Acq: 23 Aug 2023 23:57

Tgt Ion:173 Resp: 4260

Ion Ratio Lower Upper

173 100

175 46.4 38.0 57.0

254 5.2 6.8 10.2#

