

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053264.D
 Acq On : 17 Mar 2023 14:02
 Operator : JC/MD
 Sample : 01930-10 200X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFB8

Quant Time: Mar 18 01:51:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 01:49:30 2023
 Response via : Initial Calibration

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

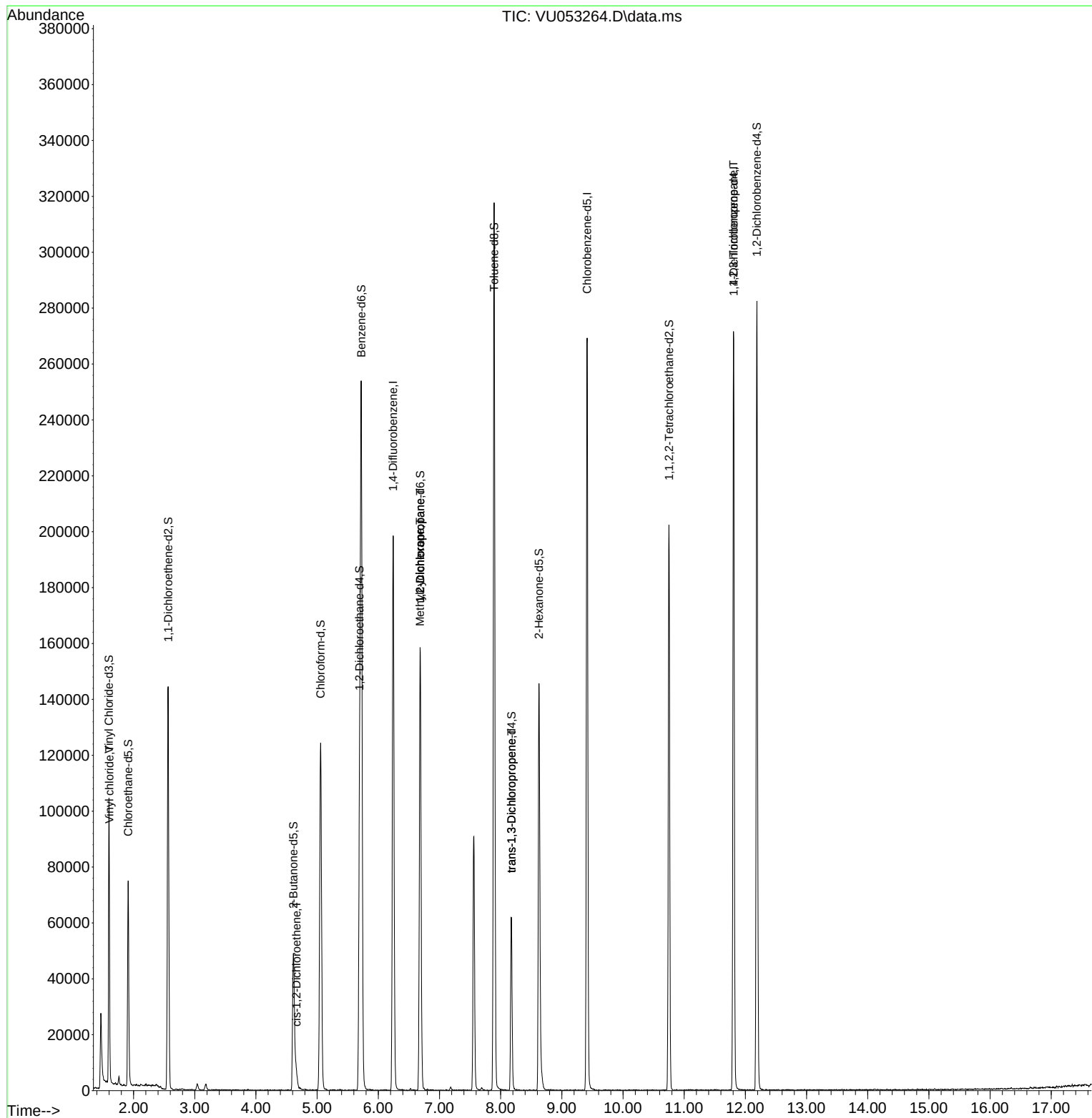
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	156732	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	142434	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64710	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	66344	45.883	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.760%
7) Chloroethane-d5	1.912	69	53273	45.548	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.100%
11) 1,1-Dichloroethene-d2	2.565	63	85518	34.141	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.280%
21) 2-Butanone-d5	4.613	46	70421	105.007	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.010%
24) Chloroform-d	5.057	84	110162	46.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.520%
26) 1,2-Dichloroethane-d4	5.694	65	73345	49.590	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.180%
32) Benzene-d6	5.722	84	235588	50.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.980%
36) 1,2-Dichloropropane-d6	6.684	67	78066	52.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.720%
41) Toluene-d8	7.893	98	211941	49.274	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.540%
43) trans-1,3-Dichloroprop...	8.176	79	35472	48.218	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.440%
47) 2-Hexanone-d5	8.626	63	53478	114.721	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.720%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	100719	52.144	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.280%
66) 1,2-Dichlorobenzene-d4	12.188	152	66980	53.457	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.920%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	4403	2.670	ug/L #	33
20) cis-1,2-Dichloroethene	4.665	96	2085	1.520	ug/L	97
35) Methylcyclohexane	6.681	83	17560	7.780	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	8453	6.136	ug/L #	90
44) trans-1,3-Dichloropropene	8.176	75	1641	0.793	ug/L #	82
60) 1,2,3-Trichloropropane	11.806	75	9822	7.638	ug/L #	67

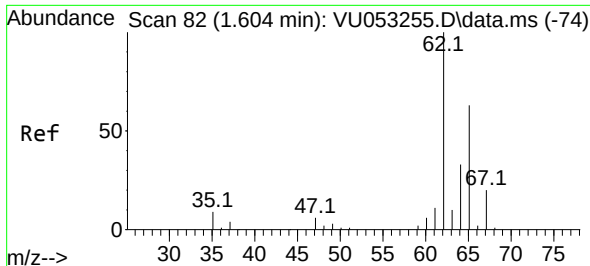
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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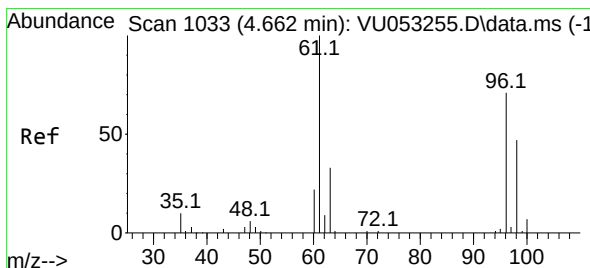
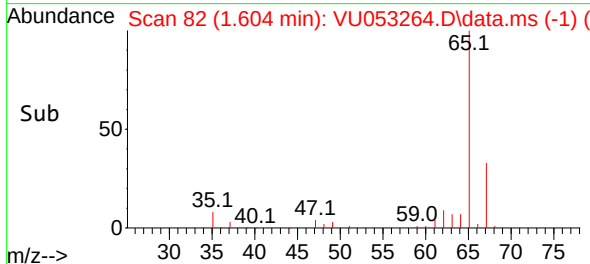
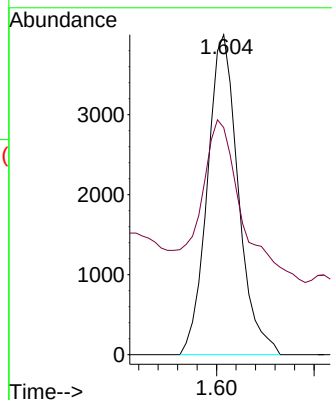
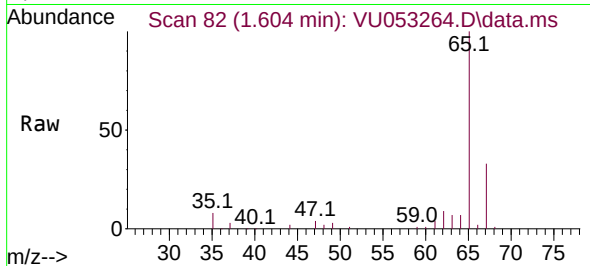




#5
 Vinyl chloride
 Concen: 2.670 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU053264.D
 Acq: 17 Mar 2023 14:02

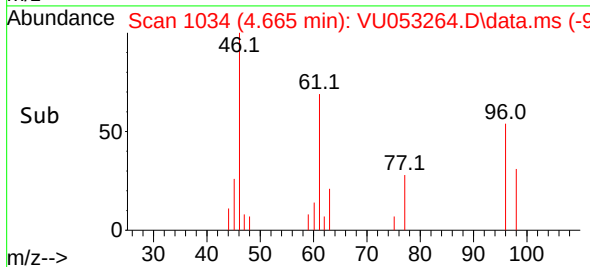
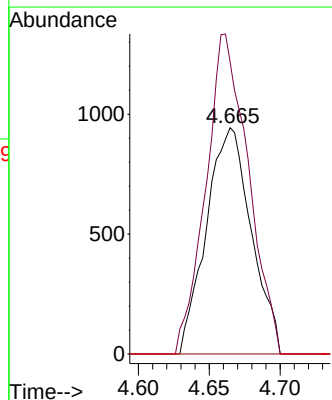
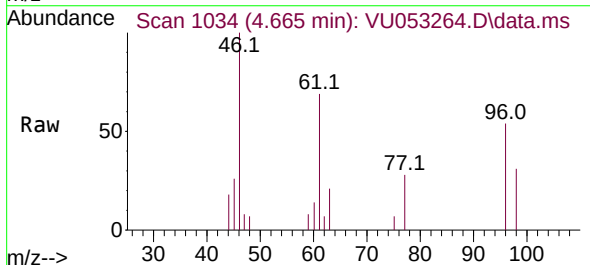
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFB8

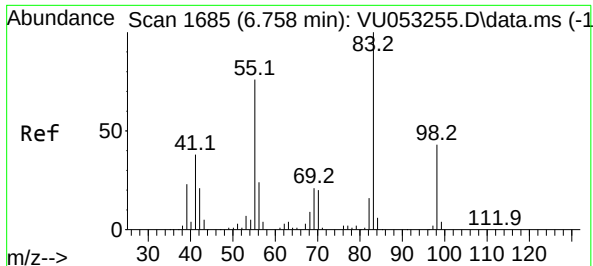
Tgt Ion: 62 Resp: 4403
 Ion Ratio Lower Upper
 62 100
 64 71.0 23.2 43.0#



#20
 cis-1,2-Dichloroethene
 Concen: 1.520 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.003 min
 Lab File: VU053264.D
 Acq: 17 Mar 2023 14:02

Tgt Ion: 96 Resp: 2085
 Ion Ratio Lower Upper
 96 100
 61 129.0 92.5 171.7
 68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 7.780 ug/L

RT: 6.681 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU053264.D

Acq: 17 Mar 2023 14:02

Instrument :

MSVOA_U

ClientSampleId :

EYFB8

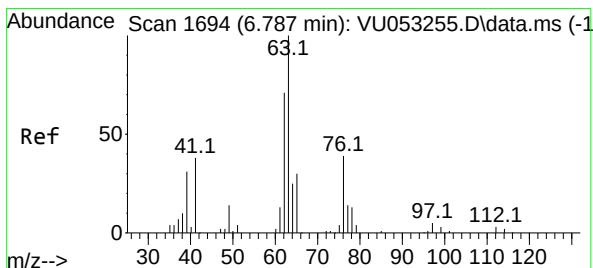
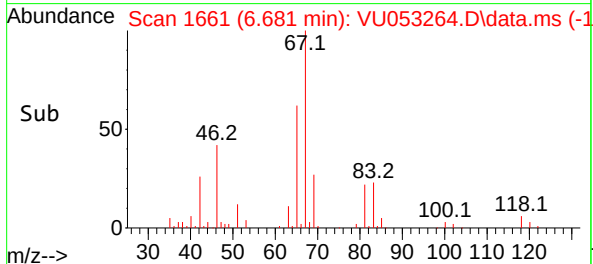
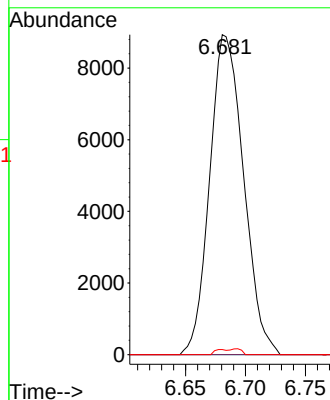
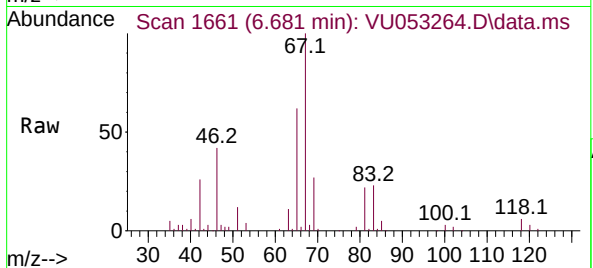
Tgt Ion: 83 Resp: 17560

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.6 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 6.136 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053264.D

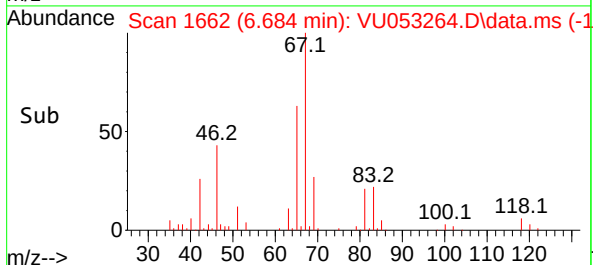
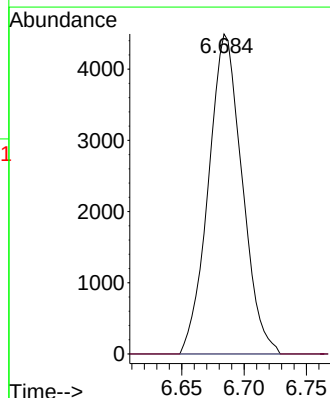
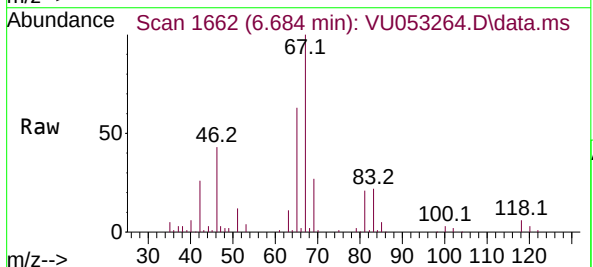
Acq: 17 Mar 2023 14:02

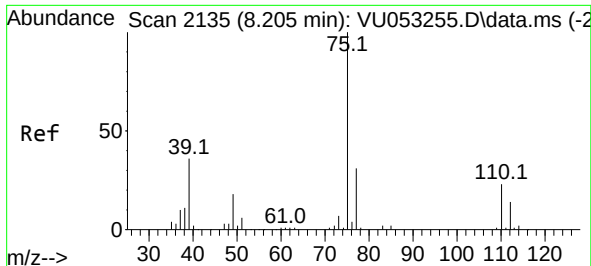
Tgt Ion: 63 Resp: 8453

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#

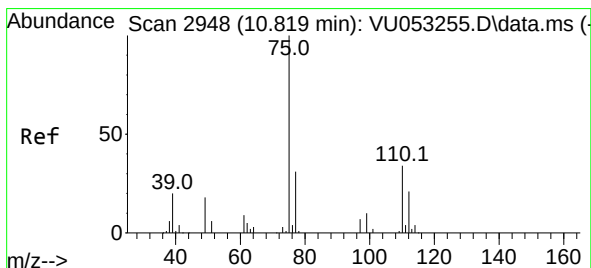
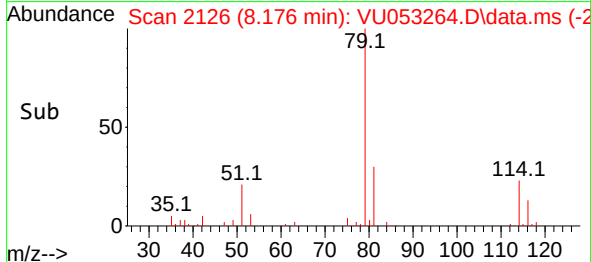
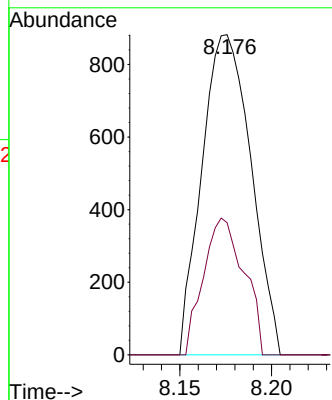
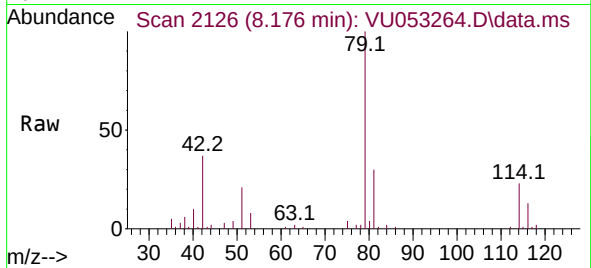




#44
trans-1,3-Dichloropropene
Concen: 0.793 ug/L
RT: 8.176 min Scan# 2135
Delta R.T. -0.029 min
Lab File: VU053264.D
Acq: 17 Mar 2023 14:02

Instrument :
MSVOA_U
ClientSampleId :
EYFB8

Tgt Ion: 75 Resp: 1641
Ion Ratio Lower Upper
75 100
77 41.3 22.0 40.8#



#60
1,2,3-Trichloropropane
Concen: 7.638 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053264.D
Acq: 17 Mar 2023 14:02

Tgt Ion: 75 Resp: 9822
Ion Ratio Lower Upper
75 100
77 30.2 26.6 40.0
110 1.6 28.6 42.8#

