

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122222\
 Data File : VU052494.D
 Acq On : 22 Dec 2022 16:16
 Operator : JC/MD
 Sample : N6188-02 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL36

Quant Time: Dec 23 00:32:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 22 00:28:27 2022
 Response via : Initial Calibration

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

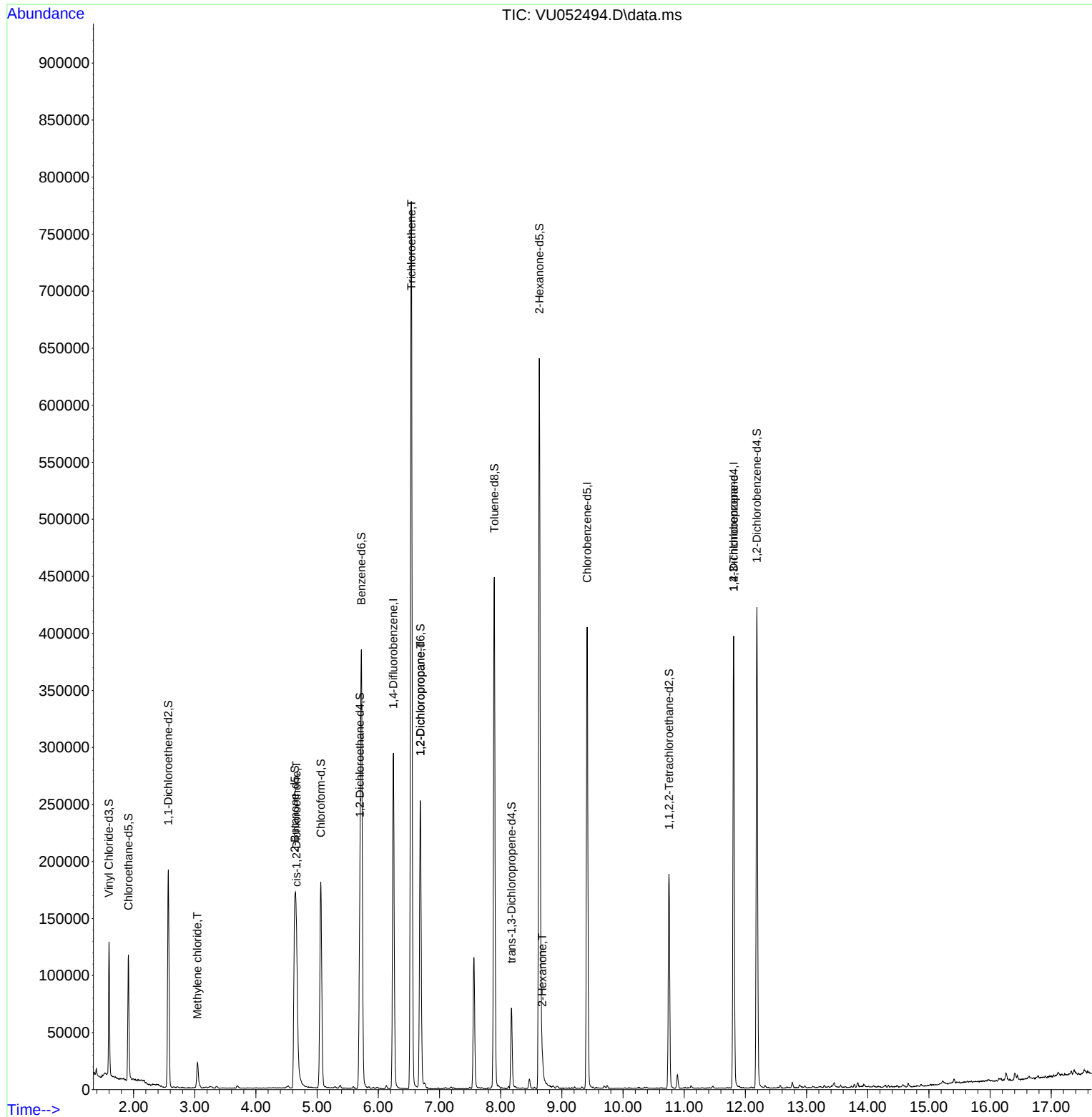
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	230180	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	218838	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	100687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86229	3.698	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.916	69	81626	4.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.568	65	37539	3.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	4.636	46	318581	44.055	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.100%
24) Chloroform-d	5.060	84	169782	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
26) 1,2-Dichloroethane-d4	5.700	65	96772	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.723	84	354375	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.687	67	125181	4.847	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.896	98	291813	4.633	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	8.176	79	40864	4.621	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.632	63	226536	46.819	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.640%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	96386	4.396	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	105006	5.123	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
16) Methylene chloride	3.041	84	9971	0.409	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	32098	1.646	ug/L	96
34) Trichloroethene	6.539	95	271865	14.753	ug/L	98
37) 1,2-Dichloropropane	6.687	63	12772	0.581	ug/L #	88
48) 2-Hexanone	8.681	43	7318	0.604	ug/L #	83
61) 1,2,3-Trichloropropane	11.809	75	13158	0.911	ug/L #	70

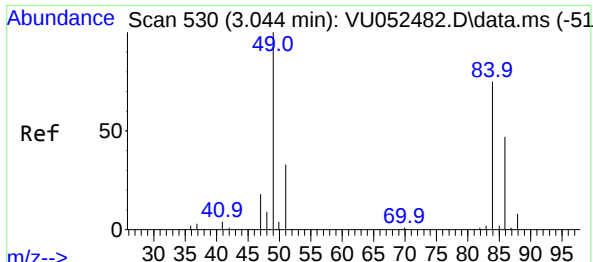
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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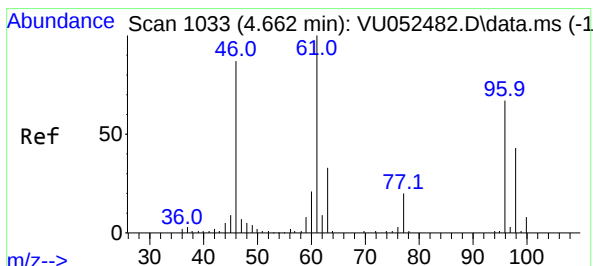
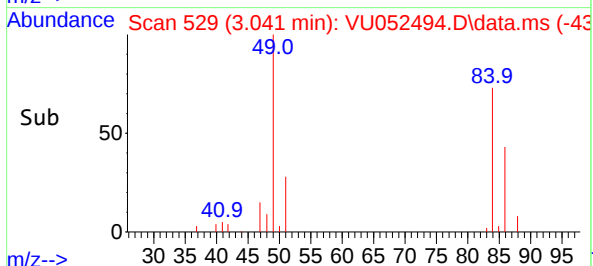
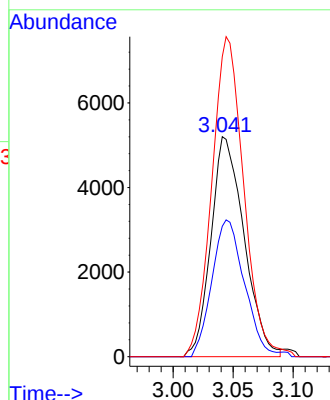
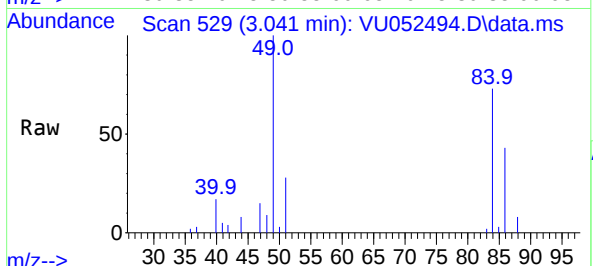


#16
Methylene chloride
Concen: 0.409 ug/L
RT: 3.041 min Scan# 51
Delta R.T. -0.007 min
Lab File: VU052494.D
Acq: 22 Dec 2022 16:16

Instrument :
MSVOA_U
ClientSampleId :
COL36

Tgt Ion: 84 Resp: 9971

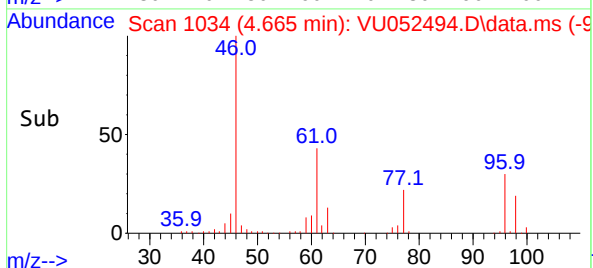
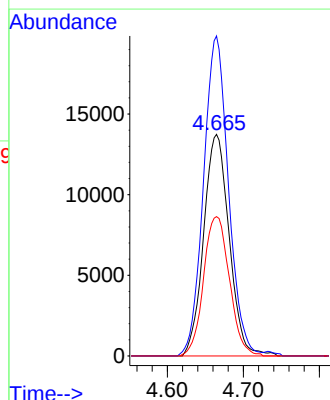
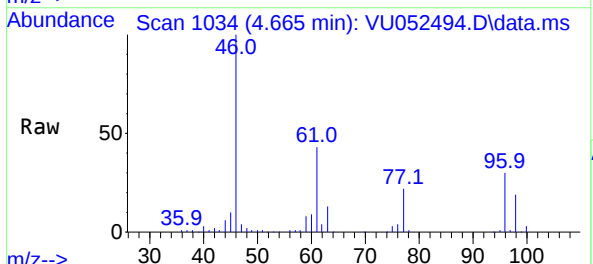
Ion	Ratio	Lower	Upper
84	100		
86	59.3	44.7	83.1
49	136.3	93.3	173.3

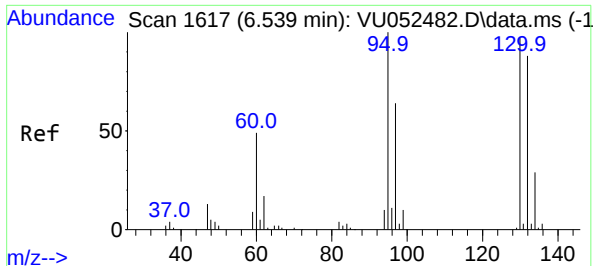


#22
cis-1,2-Dichloroethene
Concen: 1.646 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU052494.D
Acq: 22 Dec 2022 16:16

Tgt Ion: 96 Resp: 32098

Ion	Ratio	Lower	Upper
96	100		
61	144.4	96.9	180.1
98	62.9	44.7	83.1

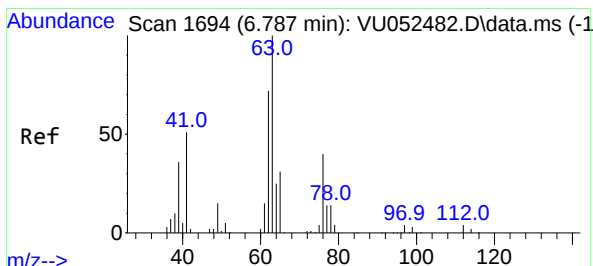
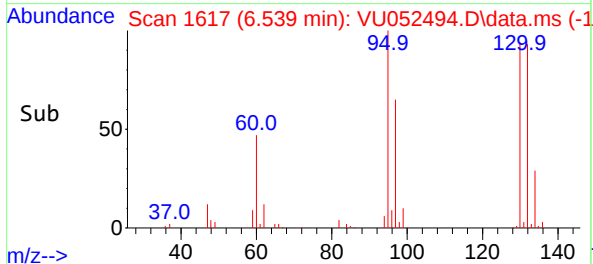
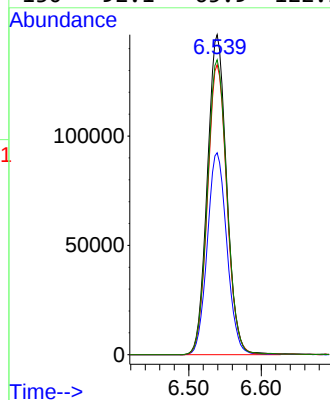
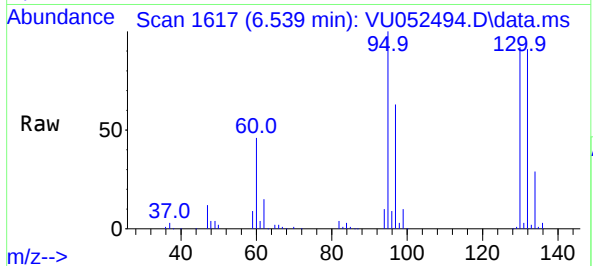




#34
Trichloroethene
Concen: 14.753 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052494.D
Acq: 22 Dec 2022 16:16

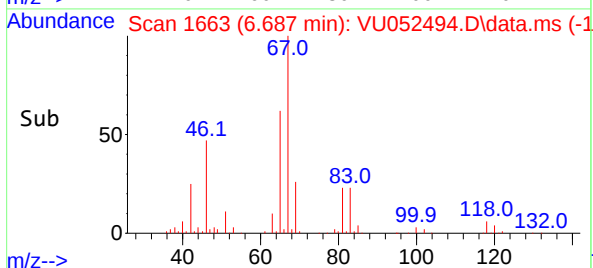
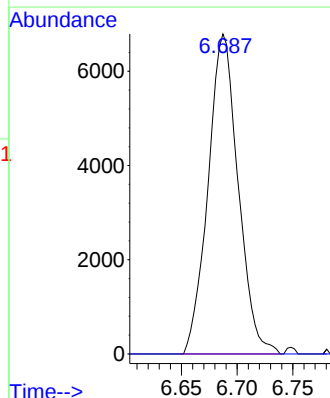
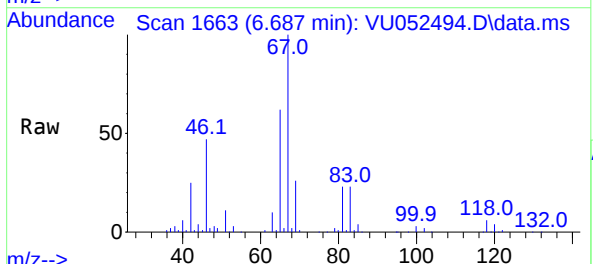
Instrument :
MSVOA_U
ClientSampleId :
COL36

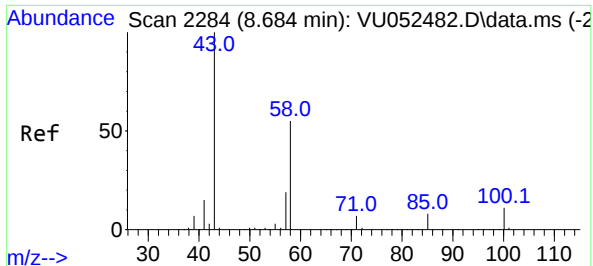
Tgt Ion: 95 Resp: 271865
Ion Ratio Lower Upper
95 100
97 63.1 46.3 86.1
132 90.6 63.9 118.7
130 92.1 65.9 122.5



#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052494.D
Acq: 22 Dec 2022 16:16

Tgt Ion: 63 Resp: 12772
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



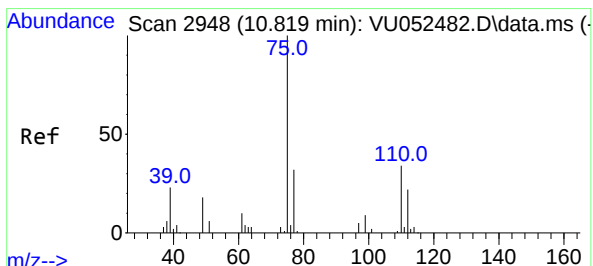
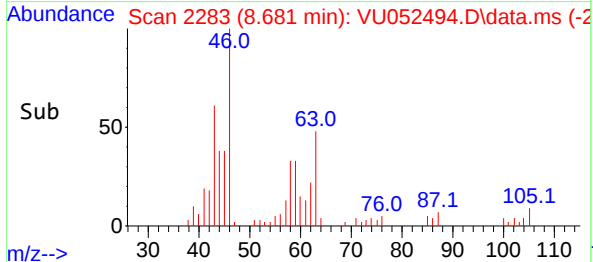
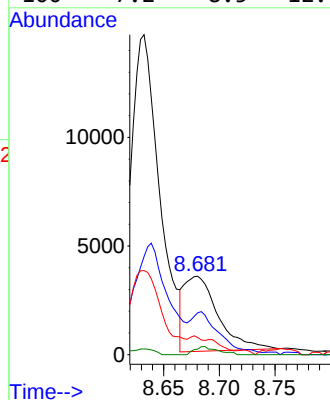
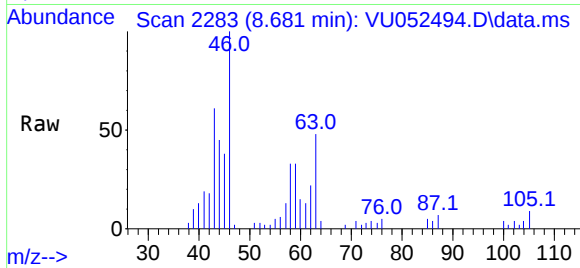


#48
2-Hexanone
Concen: 0.604 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052494.D
Acq: 22 Dec 2022 16:16

Instrument :
MSVOA_U
ClientSampleId :
COL36

Tgt Ion: 43 Resp: 7318

Ion	Ratio	Lower	Upper
43	100		
58	43.5	44.1	66.1#
57	6.6	14.6	21.8#
100	7.2	8.5	12.7#



#61
1,2,3-Trichloropropane
Concen: 0.911 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052494.D
Acq: 22 Dec 2022 16:16

Tgt Ion: 75 Resp: 13158

Ion	Ratio	Lower	Upper
75	100		
110	1.8	27.9	41.9#
77	31.5	25.9	38.9

