

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU056992.D
 Acq On : 18 Dec 2023 14:42
 Operator : MD/SY
 Sample : 05842-01DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 01:40:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 01:20:32 2023
 Response via : Initial Calibration

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

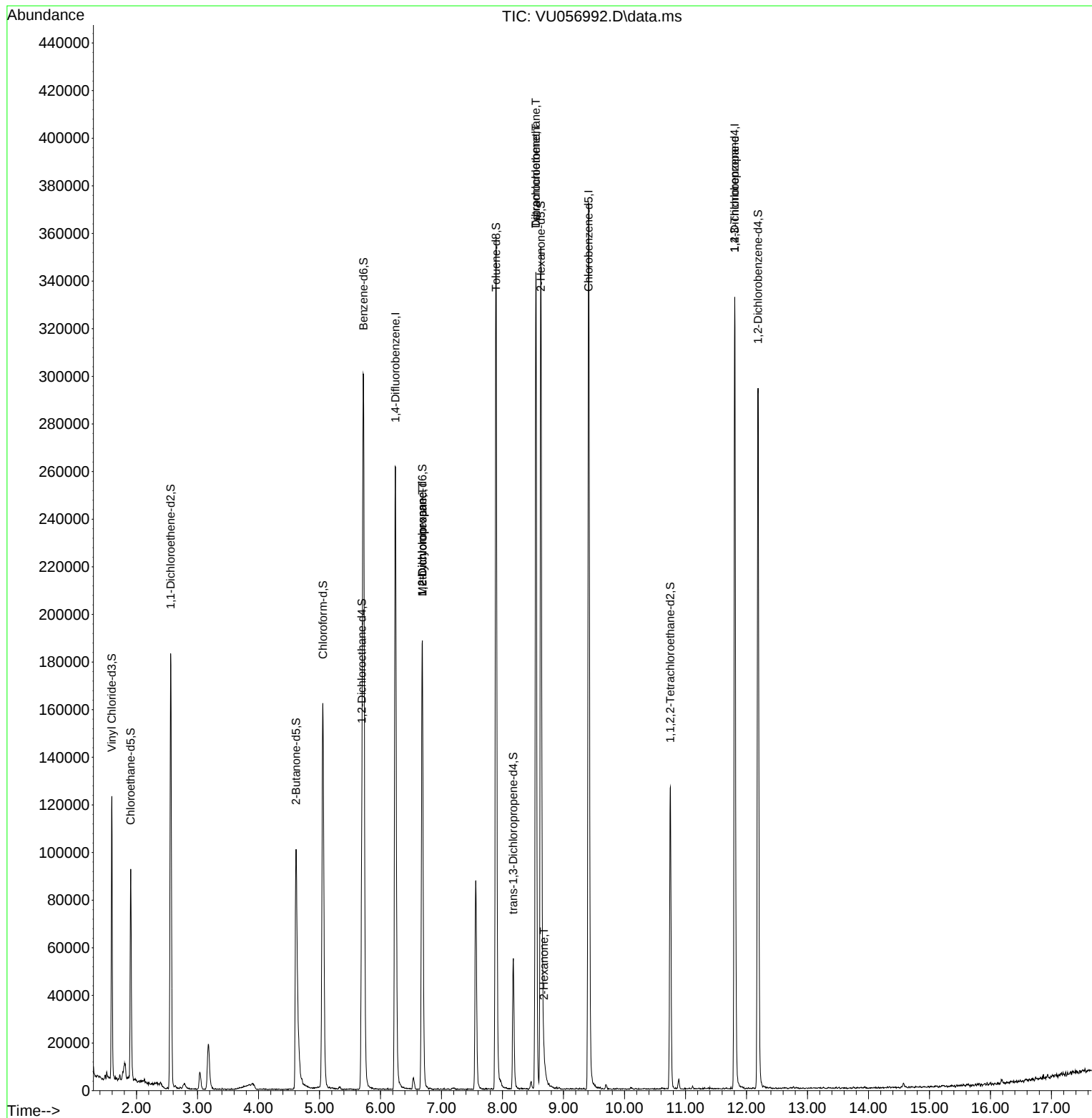
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	210122	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	214110	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	89030	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	84621	4.698	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.904	69	67495	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.560	65	35415	4.596	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.615	46	142183	39.974	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.940%
24) Chloroform-d	5.055	84	154677	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.695	65	76180	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.721	84	292839	4.409	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.685	67	91931	4.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.894	98	242220	4.081	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.177	79	33765	4.189	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.627	63	117372	38.605	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.220%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	64098	4.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	80673	4.610	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						Qvalue
35) Methylcyclohexane	6.685	83	21709	0.713	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	9702	0.504	ug/L #	89
47) Tetrachloroethene	8.547	164	73845	5.112	ug/L	98
48) 2-Hexanone	8.679	43	4344	0.667	ug/L #	80
49) Dibromochloromethane	8.547	129	76303	5.101	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	10567	1.105	ug/L #	68

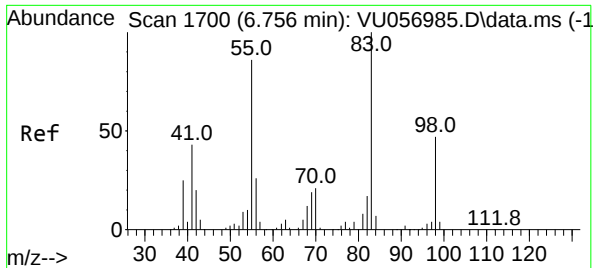
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 19 01:20:32 2023
Response via : Initial Calibration

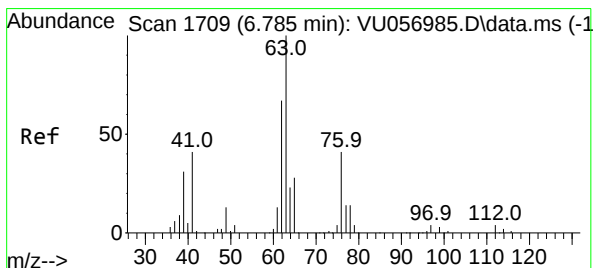
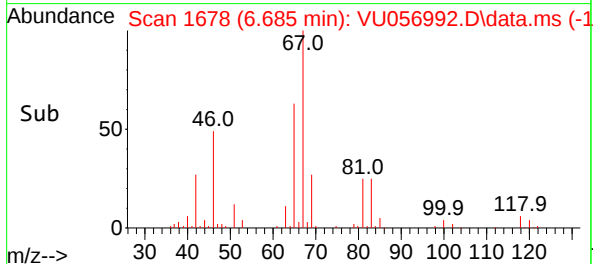
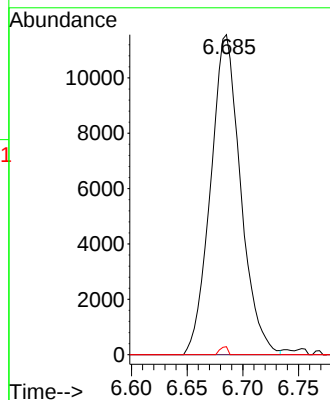
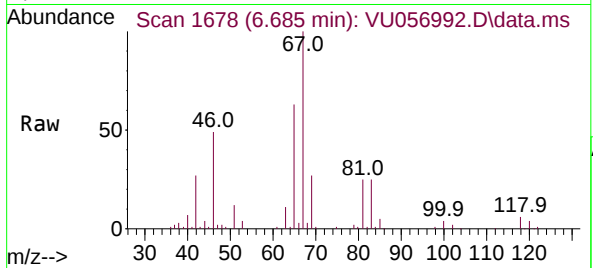




#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU056992.D
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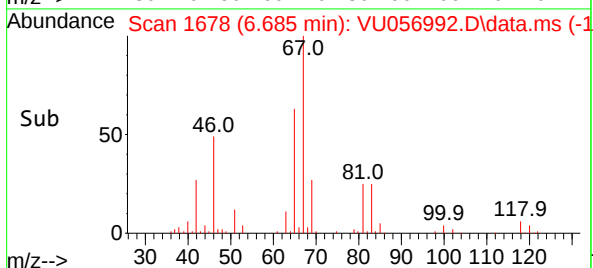
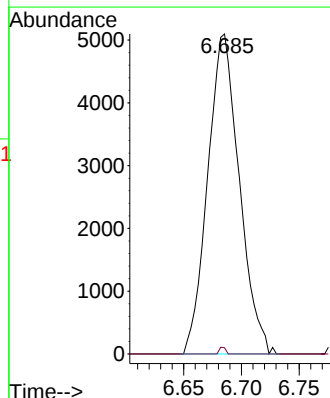
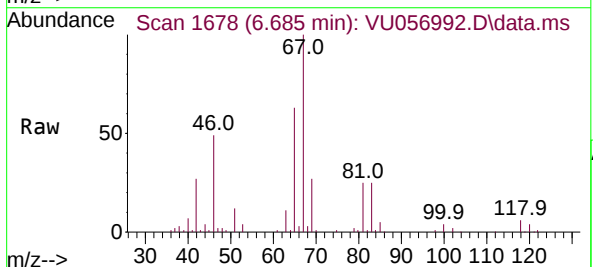
Instrument :
MSVOA_U
ClientSampleId :

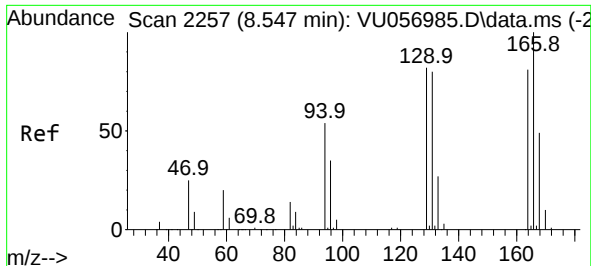
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	64.6	97.0#
98	0.6	36.1	54.1#



#37
1,2-Dichloropropane
Concen: 0.504 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU056992.D
Acq: 18 Dec 2023 14:42

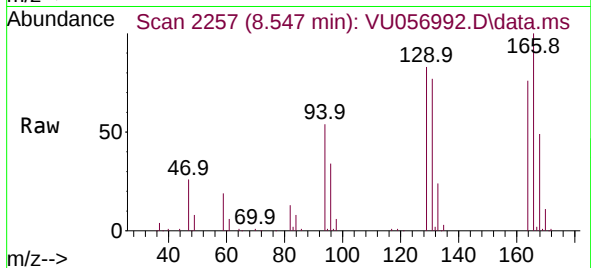
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.3	4.9#



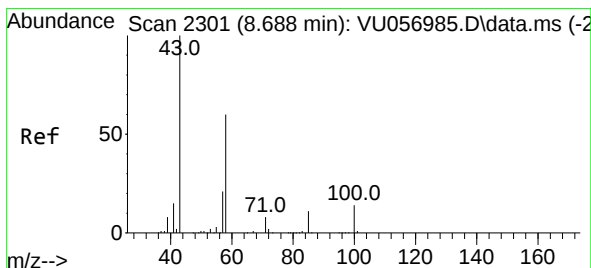
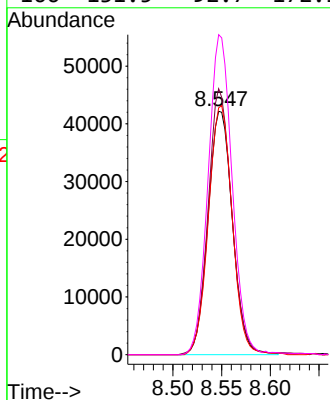
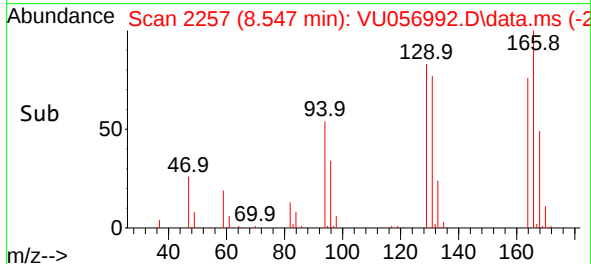


#47
Tetrachloroethene
Concen: 5.112 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056992.D
Acq: 18 Dec 2023 14:42

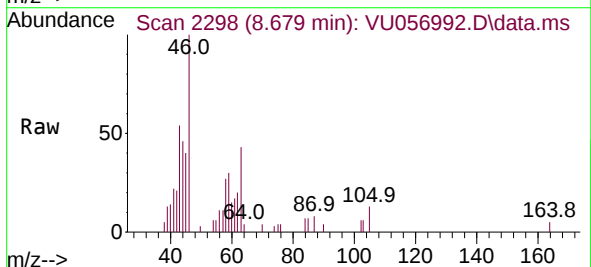
Instrument :
MSVOA_U
ClientSampleId :



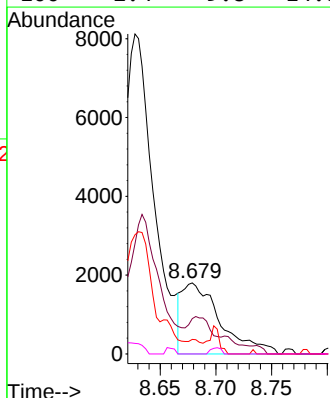
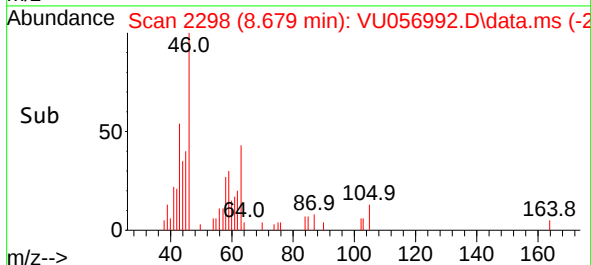
Tgt Ion:164 Resp: 73845
Ion Ratio Lower Upper
164 100
129 109.2 73.4 136.4
131 101.4 71.5 132.9
166 131.5 92.7 172.1

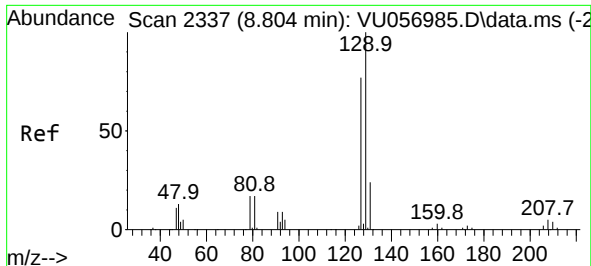


#48
2-Hexanone
Concen: 0.667 ug/L
RT: 8.679 min Scan# 2298
Delta R.T. -0.010 min
Lab File: VU056992.D
Acq: 18 Dec 2023 14:42



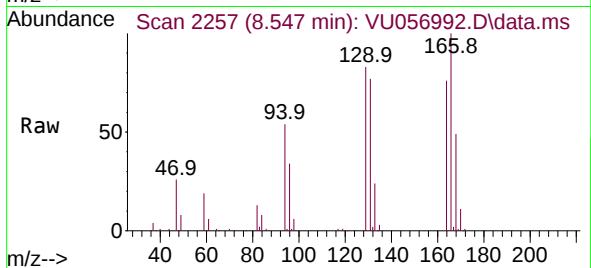
Tgt Ion: 43 Resp: 4344
Ion Ratio Lower Upper
43 100
58 45.7 47.5 71.3#
57 10.2 17.0 25.4#
100 2.4 9.8 14.8#



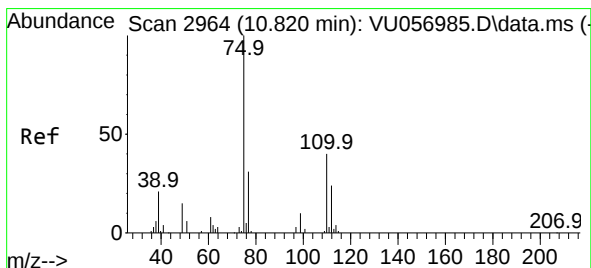
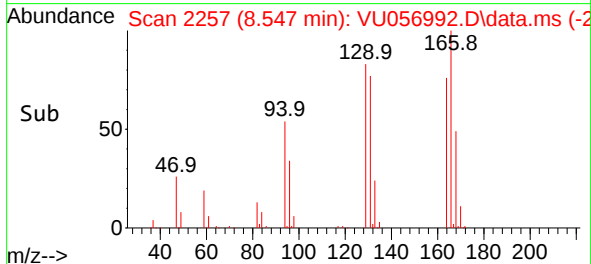
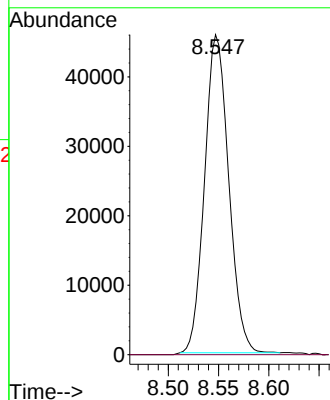


#49
Dibromochloromethane
Concen: 5.101 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056992.D
Acq: 18 Dec 2023 14:42

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 76303
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#



#61
1,2,3-Trichloropropane
Concen: 1.105 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU056992.D
Acq: 18 Dec 2023 14:42

Tgt Ion: 75 Resp: 10567
Ion Ratio Lower Upper
75 100
110 1.2 28.4 42.6#
77 31.1 26.3 39.5

