

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121322\
 Data File : VU052378.D
 Acq On : 13 Dec 2022 15:34
 Operator : JC/MD
 Sample : N5961-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N48

Quant Time: Dec 14 03:20:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 14 03:17:56 2022
 Response via : Initial Calibration

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

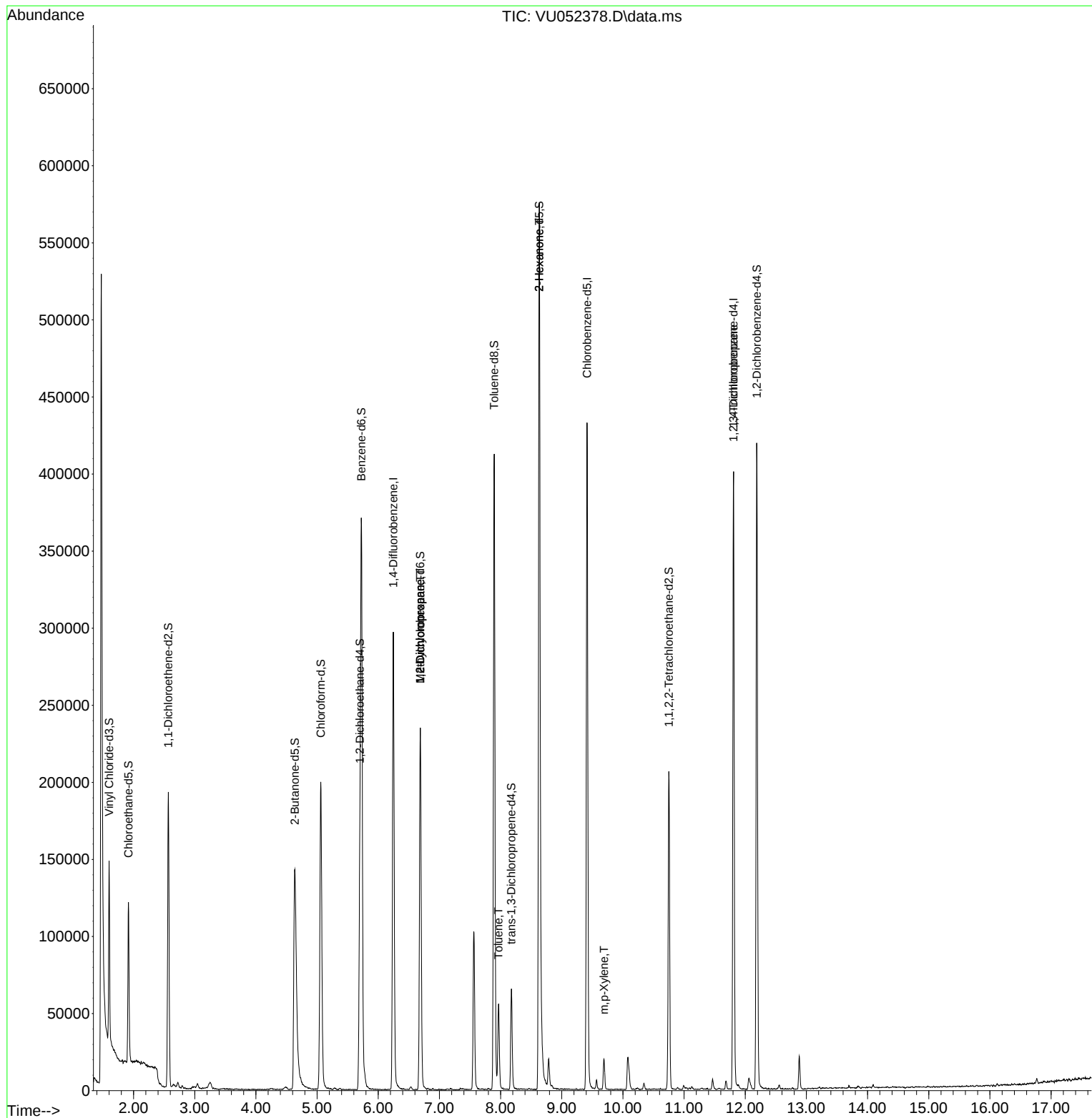
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	246653	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	256418	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	111752	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	87683	3.655	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.000%
7) Chloroethane-d5	1.916	69	80646	4.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.568	65	36148	4.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	4.636	46	269268	61.917	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.840%
24) Chloroform-d	5.060	84	178310	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.700	65	94331	5.298	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.726	84	366698	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.687	67	120902	5.132	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.896	98	290640	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	8.176	79	37744	4.396	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.632	63	201769	55.457	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.920%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	106411	5.210	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	115970	5.420	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						Qvalue
35) Methylcyclohexane	6.687	83	27378	0.914	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	12035	0.557	ug/L #	89
42) Toluene	7.967	91	41582	0.484	ug/L	97
48) 2-Hexanone	8.632	43	24014	2.902	ug/L #	73
53) m,p-Xylene	9.690	106	6166	0.191	ug/L	90
61) 1,2,3-Trichloropropane	11.806	75	13111	1.025	ug/L #	69

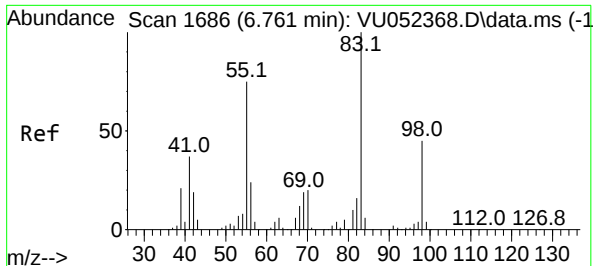
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#35

Methylcyclohexane

Concen: 0.914 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU052378.D

Acq: 13 Dec 2022 15:34

Instrument :

MSVOA_U

ClientSampleId :

F5N48

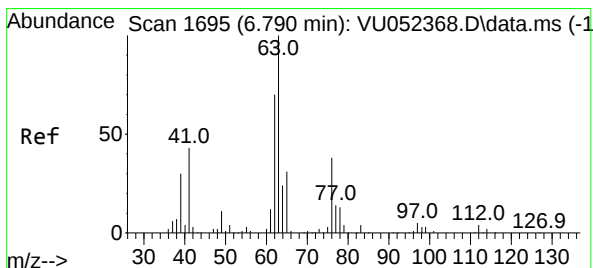
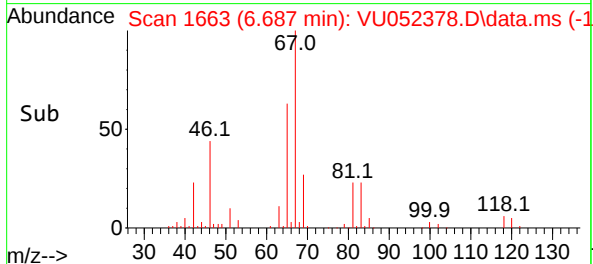
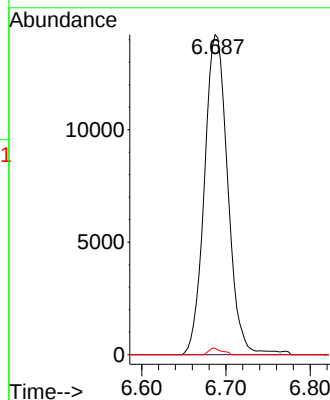
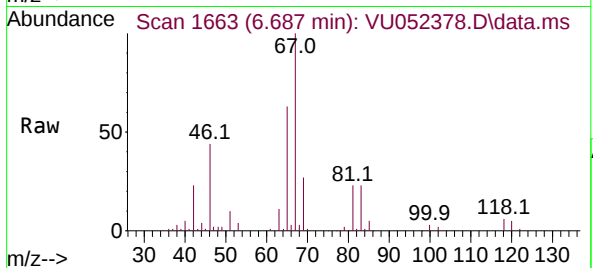
Tgt Ion: 83 Resp: 27378

Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 1.2 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.557 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.103 min

Lab File: VU052378.D

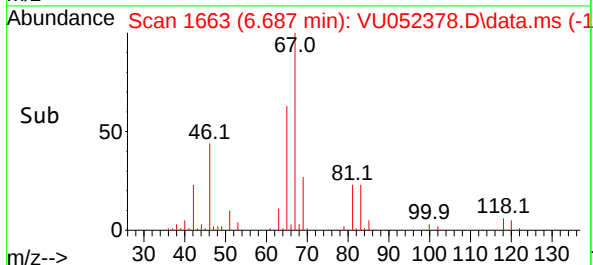
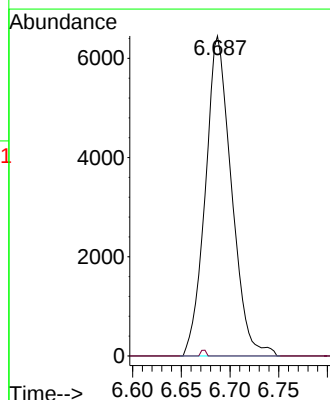
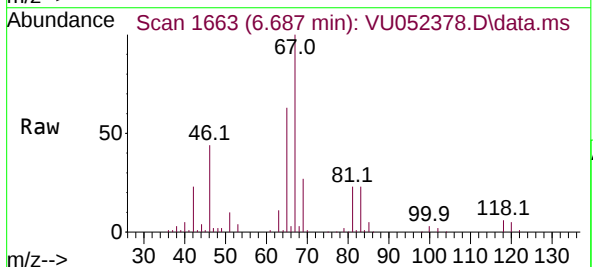
Acq: 13 Dec 2022 15:34

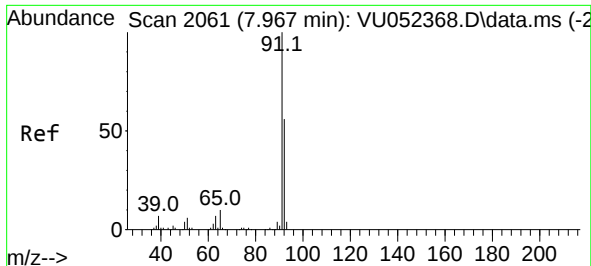
Tgt Ion: 63 Resp: 12035

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#





#42

Toluene

Concen: 0.484 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052378.D

Acq: 13 Dec 2022 15:34

Instrument :

MSVOA_U

ClientSampleId :

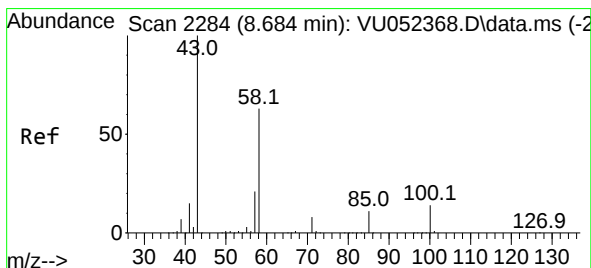
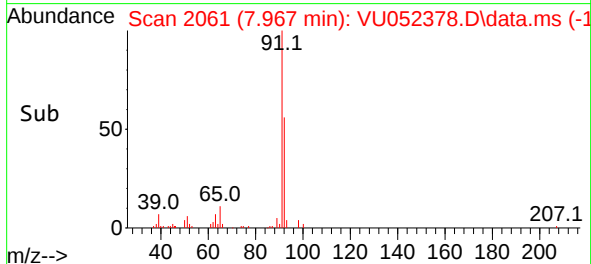
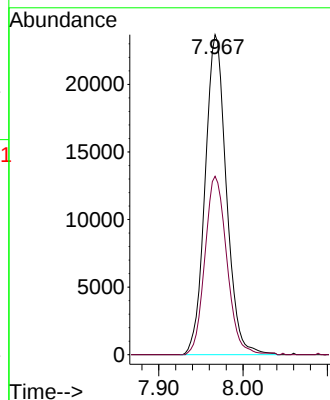
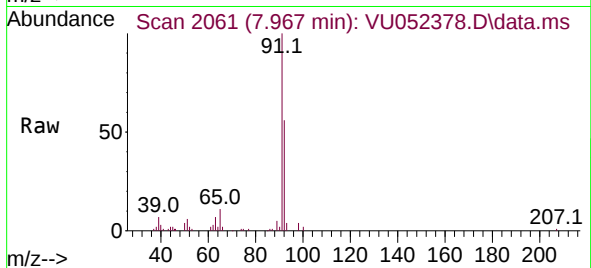
F5N48

Tgt Ion: 91 Resp: 41582

Ion Ratio Lower Upper

91 100

92 55.8 40.7 75.5



#48

2-Hexanone

Concen: 2.902 ug/L

RT: 8.632 min Scan# 2268

Delta R.T. -0.051 min

Lab File: VU052378.D

Acq: 13 Dec 2022 15:34

Tgt Ion: 43 Resp: 24014

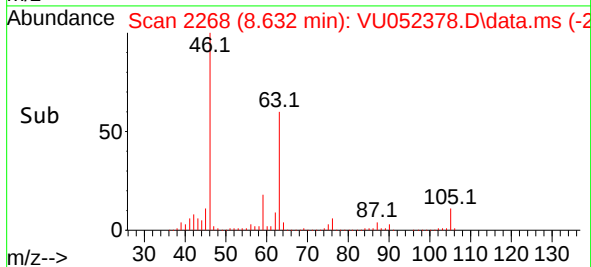
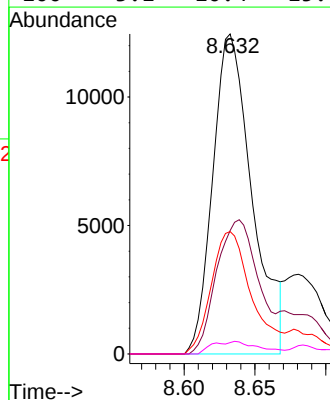
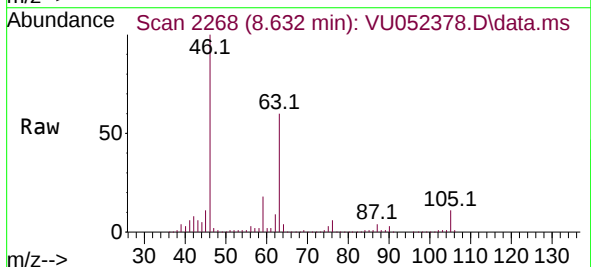
Ion Ratio Lower Upper

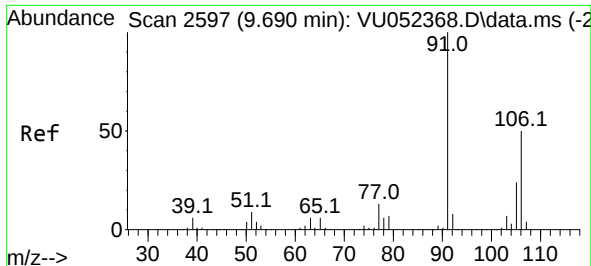
43 100

58 44.6 49.4 74.0#

57 39.5 16.3 24.5#

100 3.1 10.4 15.6#

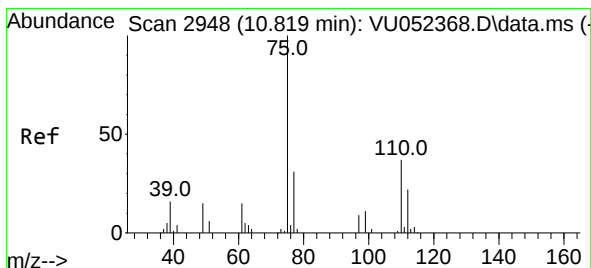
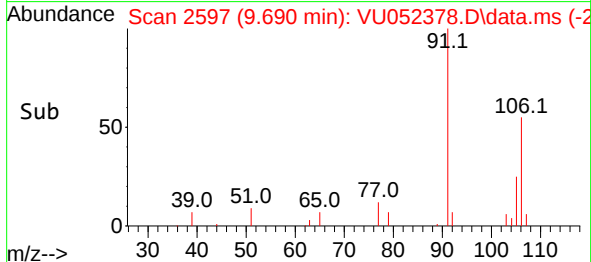
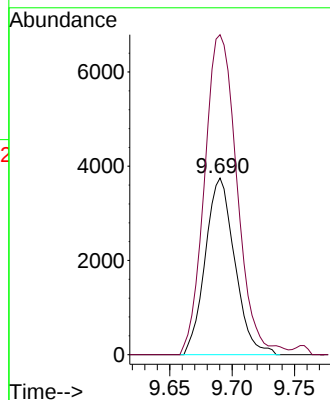
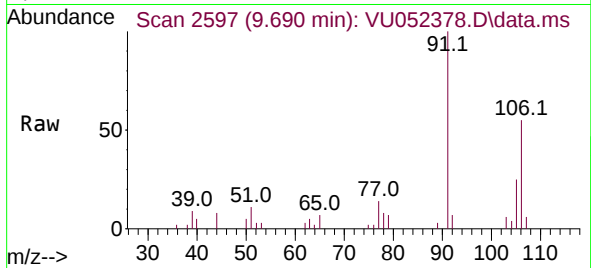




#53
m,p-Xylene
Concen: 0.191 ug/L
RT: 9.690 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU052378.D
Acq: 13 Dec 2022 15:34

Instrument :
MSVOA_U
ClientSampleId :
F5N48

Tgt Ion:106 Resp: 6166
Ion Ratio Lower Upper
106 100
91 181.2 137.7 255.7



#61
1,2,3-Trichloropropane
Concen: 1.025 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052378.D
Acq: 13 Dec 2022 15:34

Tgt Ion: 75 Resp: 13111
Ion Ratio Lower Upper
75 100
110 1.5 28.3 42.5#
77 31.9 26.2 39.2

