

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041224\
 Data File : VU058655.D
 Acq On : 12 Apr 2024 15:57
 Operator : MD/SY
 Sample : P2013-22DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 13 00:06:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 23:43:07 2024
 Response via : Initial Calibration

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

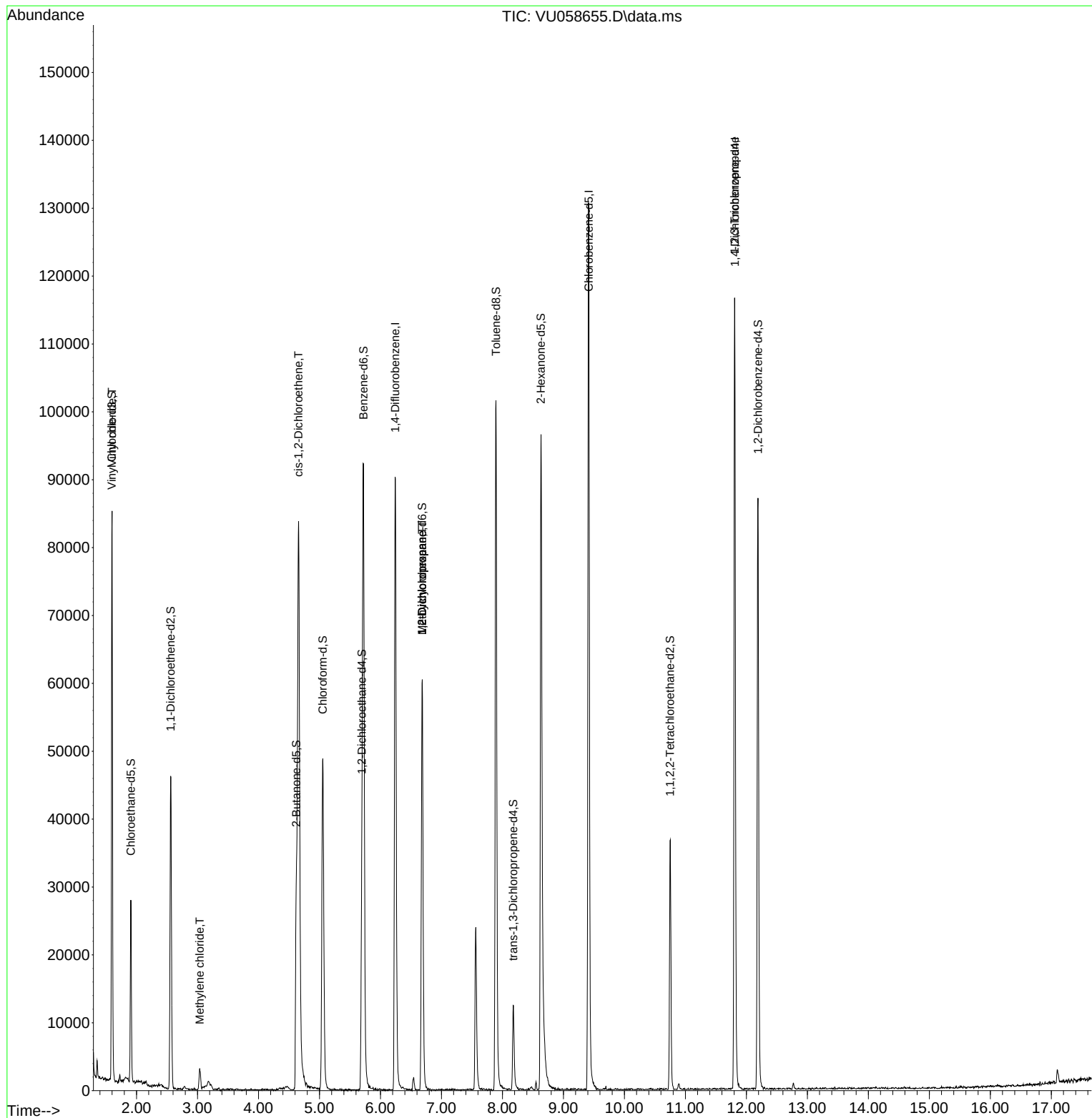
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	72146	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	70587	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	30456	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18587	3.891	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.907	69	17736	4.273	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.400%
11) 1,1-Dichloroethene-d2	2.560	65	9333	4.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.621	46	49912	49.585	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.160%
24) Chloroform-d	5.055	84	45591	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	22361	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.721	84	84554	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.685	67	28916	4.852	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.894	98	70009	4.154	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.177	79	8075	4.365	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.631	63	34400	45.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.160%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	18644	4.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	23053	4.494	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	40982	5.576	ug/L	99
16) Methylene chloride	3.036	84	1409	0.208	ug/L	89
22) cis-1,2-Dichloroethene	4.656	96	38959	6.474	ug/L	97
35) Methylcyclohexane	6.685	83	6300	0.648	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	3266	0.485	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4334	1.395	ug/L #	68

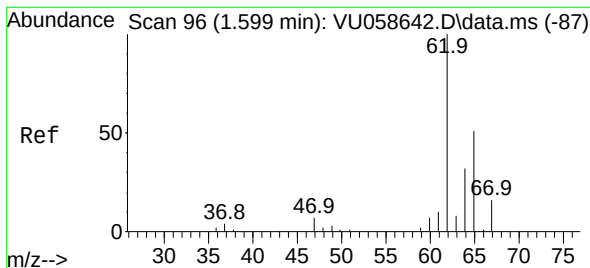
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 5.576 ug/L

RT: 1.599 min Scan# 9

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

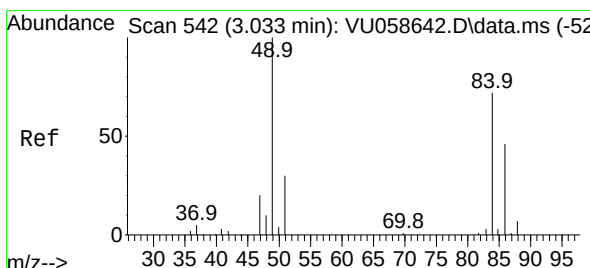
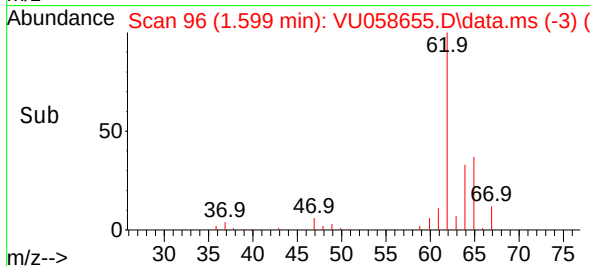
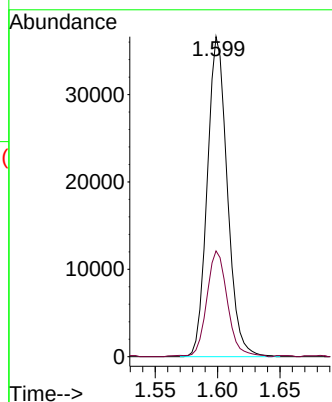
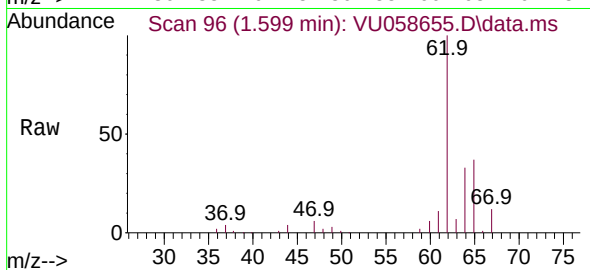
ClientSampleId :

Tgt Ion: 62 Resp: 40982

Ion Ratio Lower Upper

62 100

64 33.1 22.6 42.0



#16

Methylene chloride

Concen: 0.208 ug/L

RT: 3.036 min Scan# 543

Delta R.T. 0.003 min

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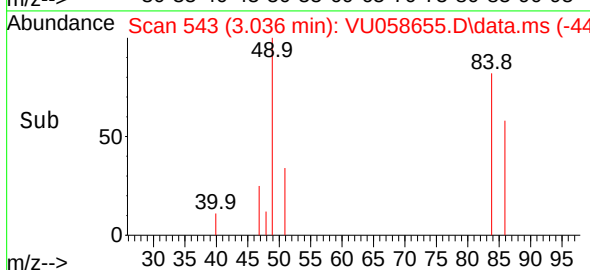
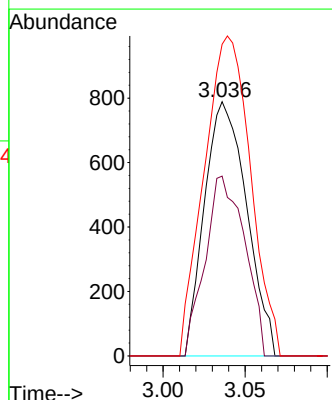
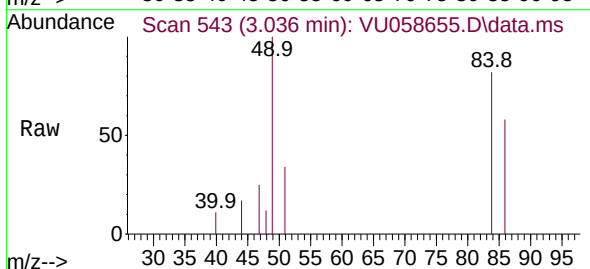
Tgt Ion: 84 Resp: 1409

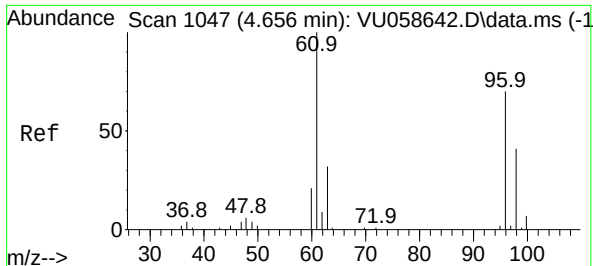
Ion Ratio Lower Upper

84 100

86 70.7 44.3 82.3

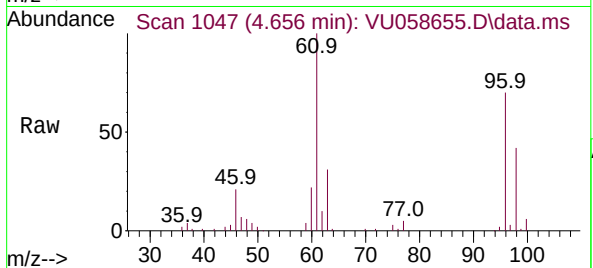
49 122.6 96.0 178.2



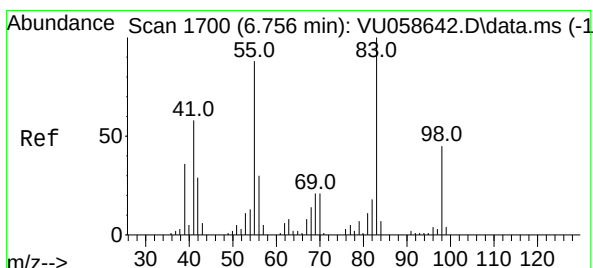
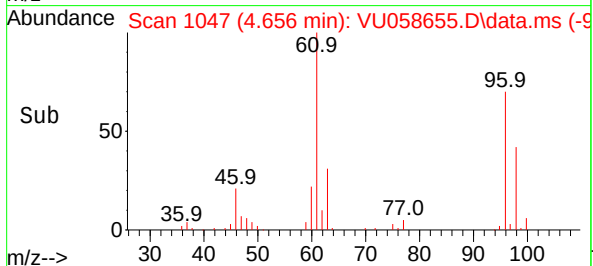
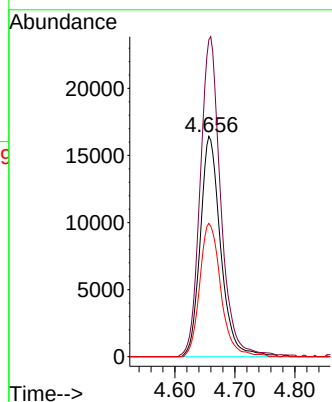


#22
 cis-1,2-Dichloroethene
 Concen: 6.474 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. 0.000 min
 Lab File: VU058655.D
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Instrument :
 MSVOA_U
 ClientSampleId :

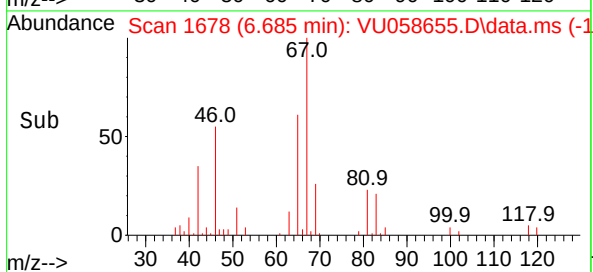
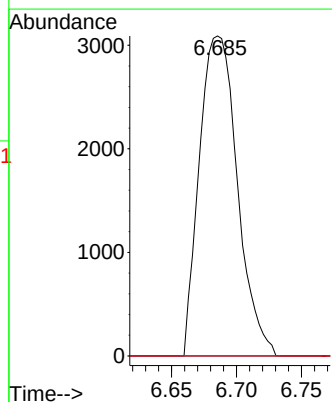
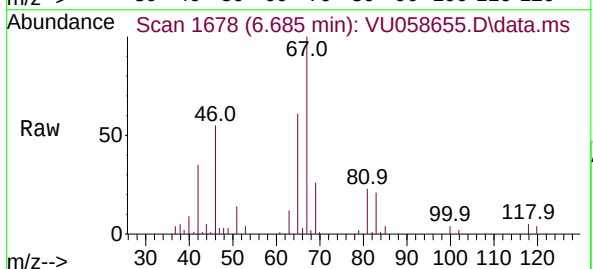


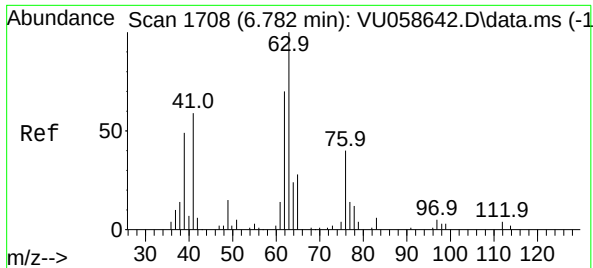
Tgt Ion:	96	Resp:	38959
Ion	Ratio	Lower	Upper
96	100		
61	143.8	98.1	182.3
98	60.5	43.6	81.0



#35
 Methylcyclohexane
 Concen: 0.648 ug/L
 RT: 6.685 min Scan# 1678
 Delta R.T. -0.071 min
 Lab File: VU058655.D
 Acq: 12 Apr 2024 15:57

Tgt Ion:	83	Resp:	6300
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.2	99.4#
98	0.0	34.6	52.0#

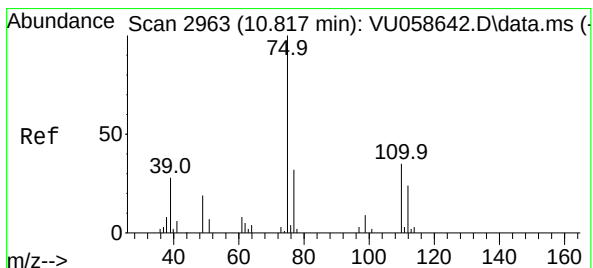
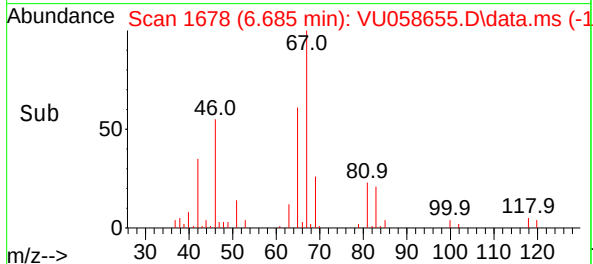
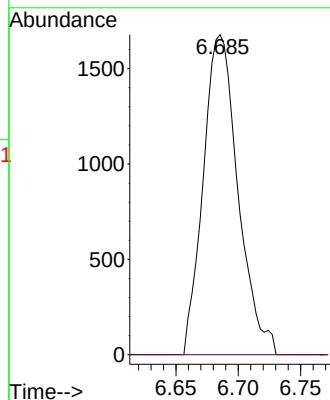
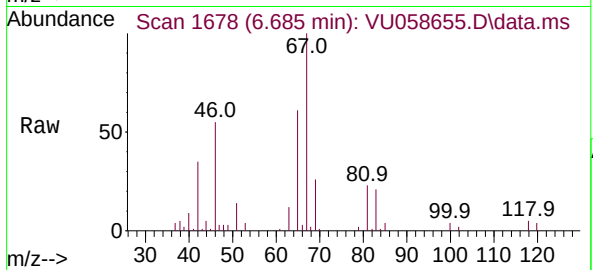




#37
1,2-Dichloropropane
Concen: 0.485 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU058655.D
Acq: 12 Apr 2024 15:57

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3266
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.395 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058655.D
Acq: 12 Apr 2024 15:57

Tgt Ion: 75 Resp: 4334
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 34.1 25.1 37.7

