

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111523\
 Data File : VU056362.D
 Acq On : 15 Nov 2023 18:03
 Operator : MD/SY
 Sample : 05339-17DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 16 04:41:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 16 04:37:29 2023
 Response via : Initial Calibration

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

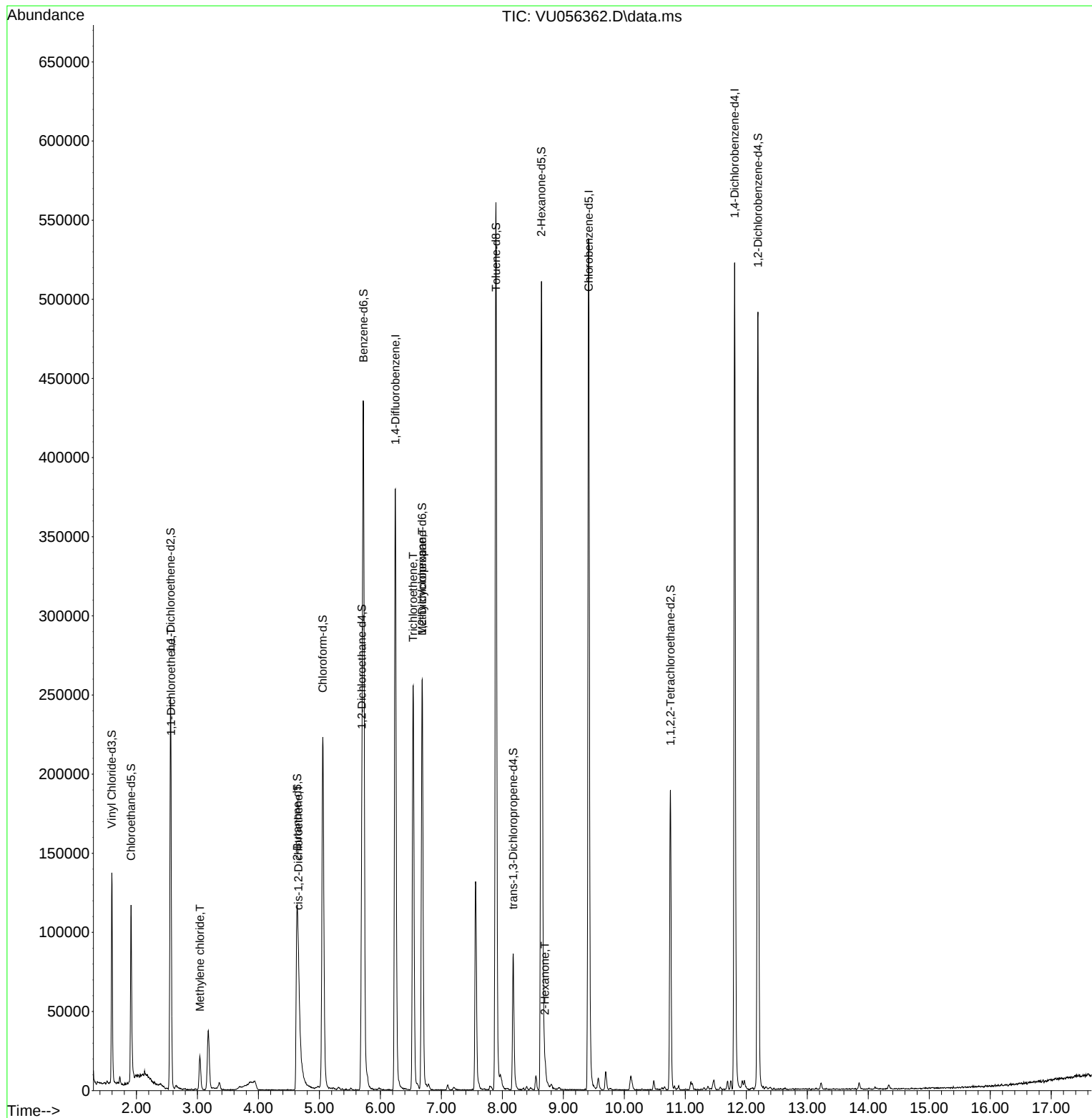
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	314181	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	310979	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	139111	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	99054	4.215	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.911	69	86299	4.790	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.560	65	46335	4.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.634	46	238259	50.846	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.700%
24) Chloroform-d	5.055	84	209431	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.695	65	104388	4.970	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.721	84	420547	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.685	67	129406	4.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.894	98	390959	4.778	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.177	79	50070	4.675	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.640	63	206297	49.017	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.040%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	96723	4.847	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	126477	4.921	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.567	96	2397	0.125	ug/L #	1
16) Methylene chloride	3.039	84	10884	0.428	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	4233	0.189	ug/L	86
34) Trichloroethene	6.534	95	94798	3.921	ug/L	97
35) Methylcyclohexane	6.682	83	31329	0.898	ug/L #	18
48) 2-Hexanone	8.698	43	7978	0.893	ug/L #	84

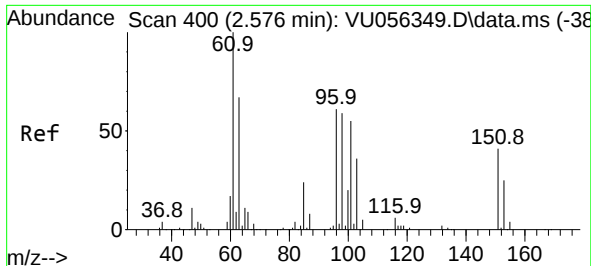
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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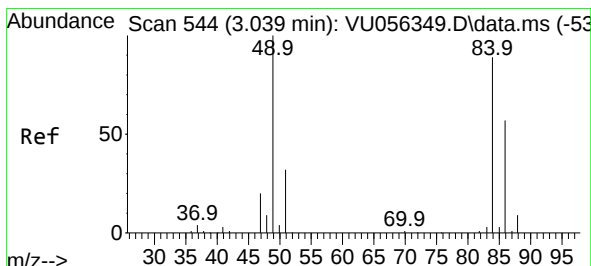
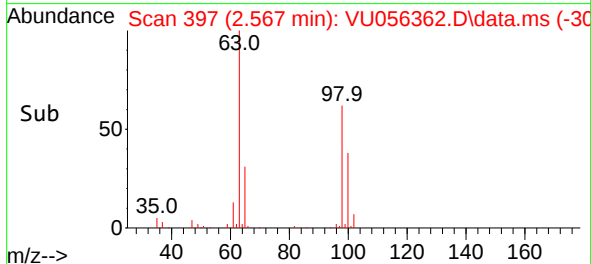
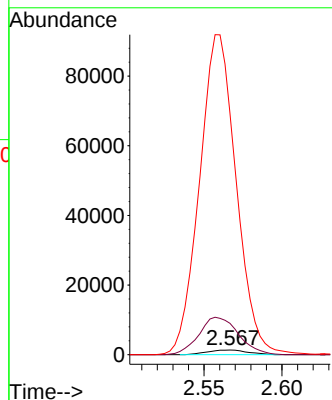
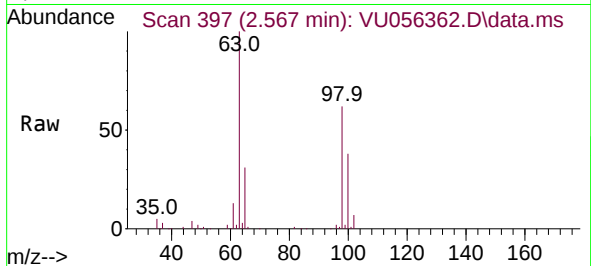




#12
1,1-Dichloroethene
Concen: 0.125 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.009 min
Lab File: VU056362.D
Acq: 15 Nov 2023 18:03

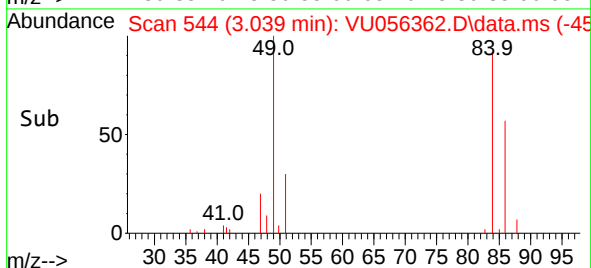
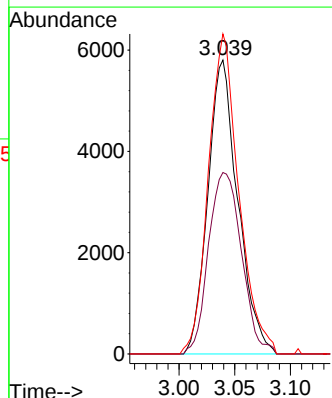
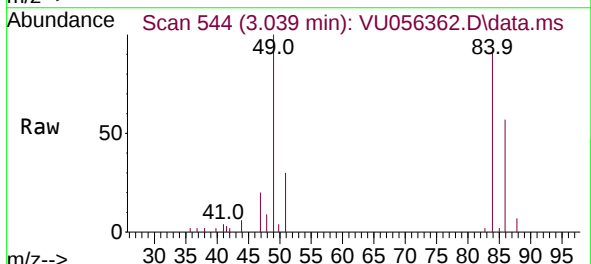
Instrument :
MSVOA_U
ClientSampleId :

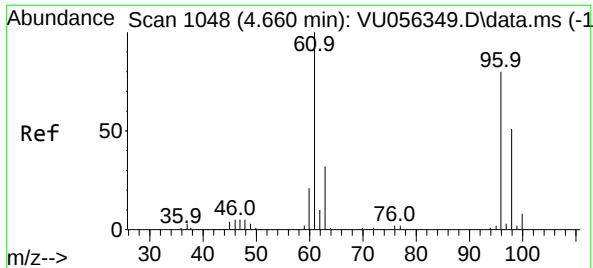
Tgt Ion: 96 Resp: 2397
Ion Ratio Lower Upper
96 100
61 671.0 123.1 228.7#
63 5173.7 93.3 173.3#



#16
Methylene chloride
Concen: 0.428 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056362.D
Acq: 15 Nov 2023 18:03

Tgt Ion: 84 Resp: 10884
Ion Ratio Lower Upper
84 100
86 61.8 44.7 83.1
49 113.5 81.8 152.0

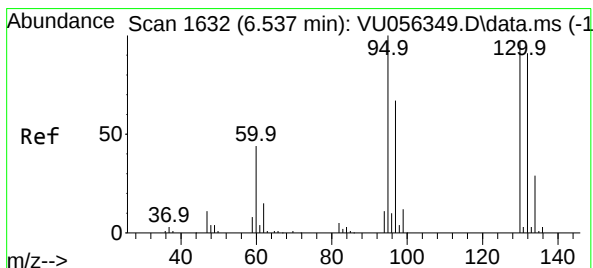
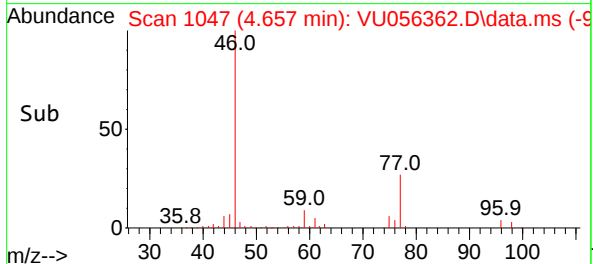
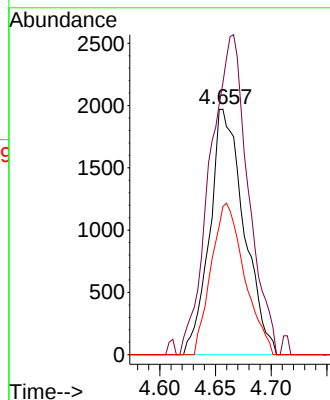
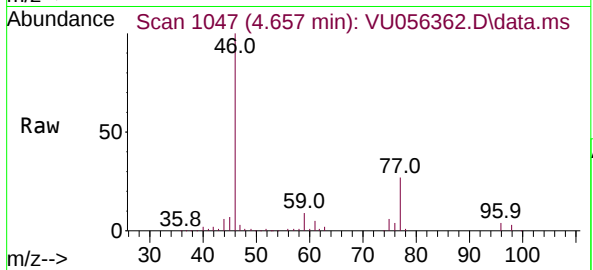




#22
 cis-1,2-Dichloroethene
 Concen: 0.189 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU056362.D
 Acq: 15 Nov 2023 18:03

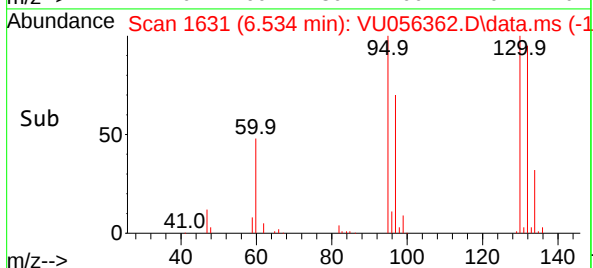
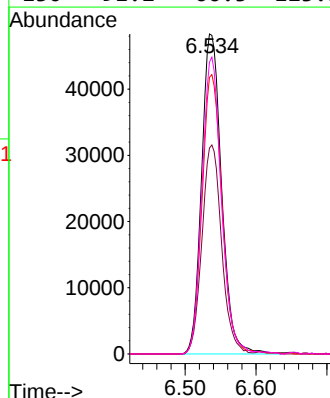
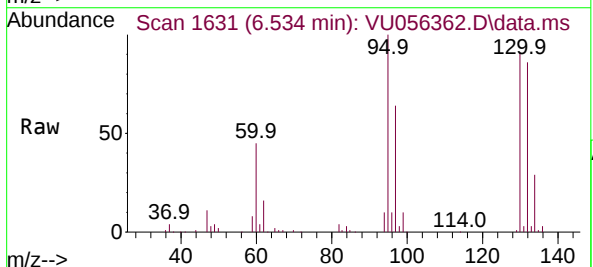
Instrument :
 MSVOA_U
 ClientSampleId :

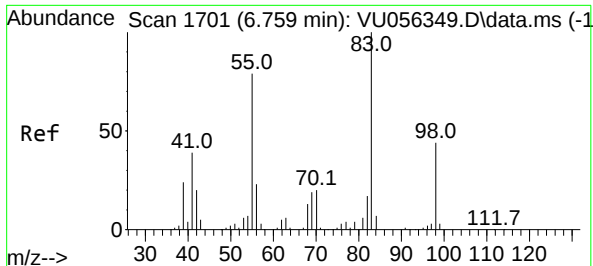
Tgt Ion: 96 Resp: 4233
 Ion Ratio Lower Upper
 96 100
 61 110.8 93.2 173.2
 98 60.4 44.8 83.2



#34
 Trichloroethene
 Concen: 3.921 ug/L
 RT: 6.534 min Scan# 1631
 Delta R.T. -0.003 min
 Lab File: VU056362.D
 Acq: 15 Nov 2023 18:03

Tgt Ion: 95 Resp: 94798
 Ion Ratio Lower Upper
 95 100
 97 64.4 46.5 86.3
 132 86.4 62.0 115.2
 130 91.2 66.3 123.1





#35

Methylcyclohexane

Concen: 0.898 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU056362.D

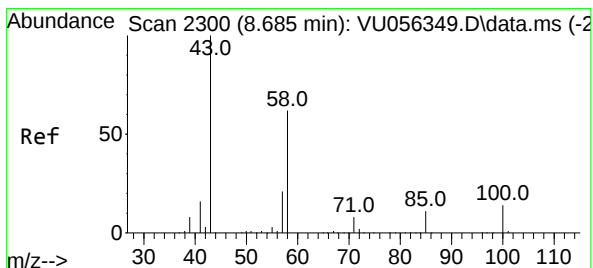
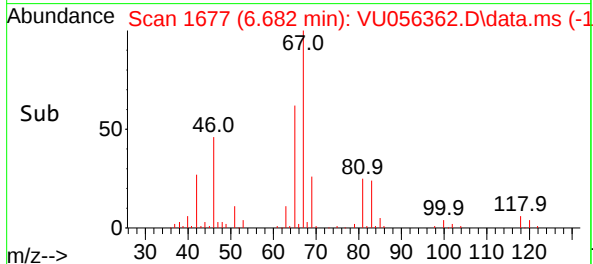
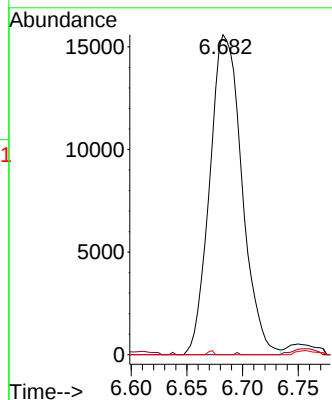
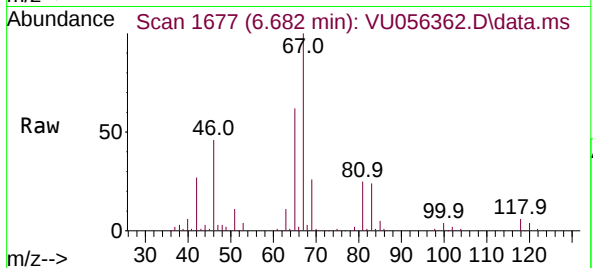
Acq: 15 Nov 2023 18:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 31329
Ion Ratio	Lower Upper
83 100	
55 0.1	62.9 94.3#
98 0.2	35.3 52.9#



#48

2-Hexanone

Concen: 0.893 ug/L

RT: 8.698 min Scan# 2304

Delta R.T. 0.013 min

Lab File: VU056362.D

Acq: 15 Nov 2023 18:03

Tgt Ion: 43	Resp: 7978
Ion Ratio	Lower Upper
43 100	
58 49.9	48.7 73.1
57 13.3	16.8 25.2#
100 3.2	9.9 14.9#

