

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV035996.D
 Acq On : 06 Jun 2024 18:32
 Operator : SY/MD
 Sample : P2754-11
 Misc : 5.53g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 07 02:22:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 02:16:44 2024
 Response via : Initial Calibration

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

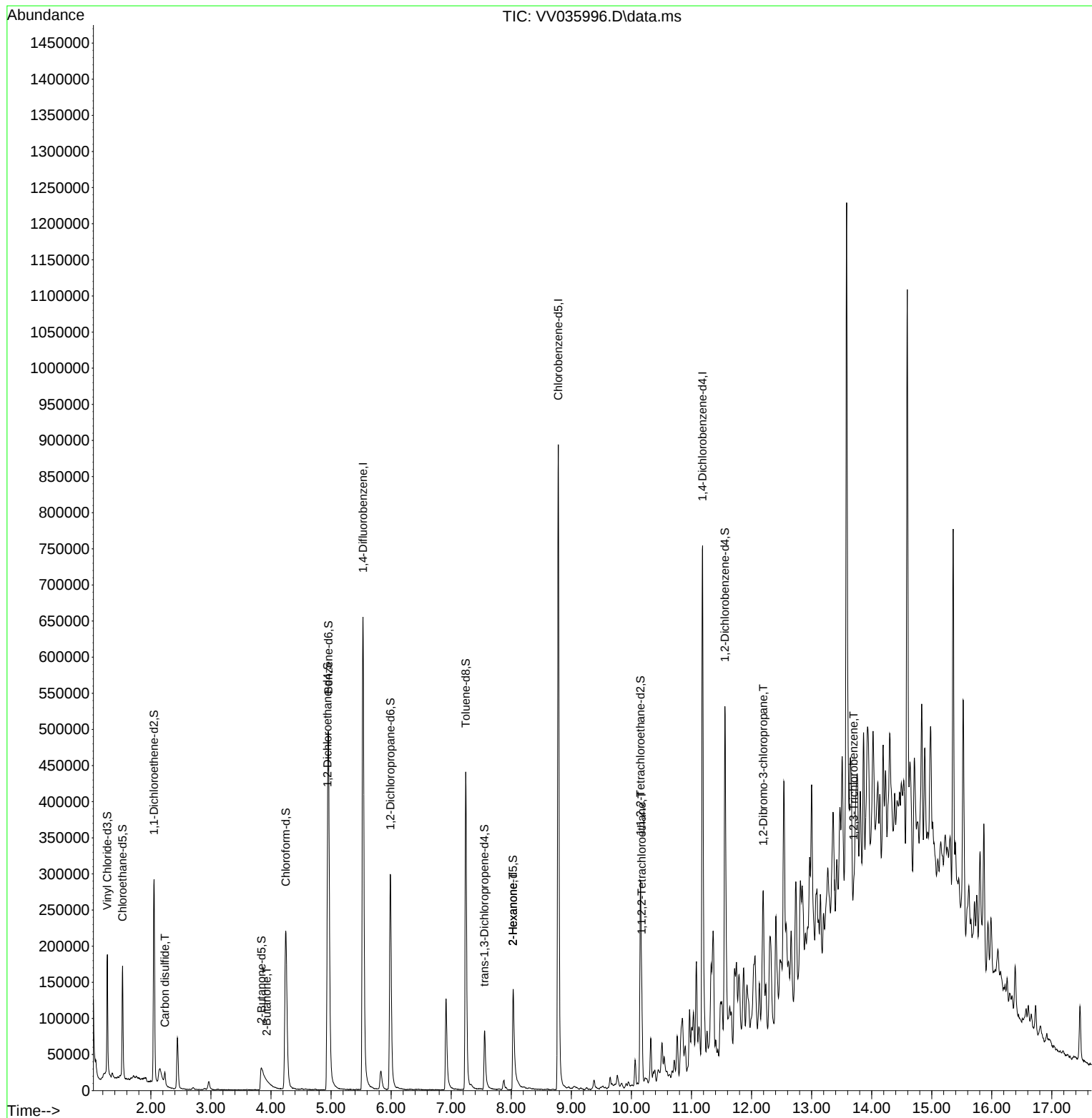
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	582723	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	500463	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	182673	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	107116	9.998	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	40.000%
7) Chloroethane-d5	1.529	69	101220	11.849	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	47.400%
11) 1,1-Dichloroethene-d2	2.053	65	49583	10.396	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.600%#
21) 2-Butanone-d5	3.841	46	82136	33.415	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.840%
24) Chloroform-d	4.246	84	247581	13.364	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	53.440%
26) 1,2-Dichloroethane-d4	4.941	65	146641	15.097	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	60.400%#
32) Benzene-d6	4.957	84	436238	14.664	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	58.640%
36) 1,2-Dichloropropane-d6	5.989	67	158347	16.903	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	67.600%#
41) Toluene-d8	7.243	98	306323	11.670	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	46.680%
43) trans-1,3-Dichloroprop...	7.555	79	56280	14.652	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	58.600%
47) 2-Hexanone-d5	8.031	63	54470	42.915	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.820%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	139071	19.866	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.480%
66) 1,2-Dichlorobenzene-d4	11.558	152	96978	14.477	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	57.920%#
Target Compounds						Qvalue
14) Carbon disulfide	2.233	76	19295	0.595	ug/L	98
22) 2-Butanone	3.931	43	4304	1.325	ug/L	99
48) 2-Hexanone	8.031	43	6909	1.893	ug/L #	74
57) 1,1,2,2-Tetrachloroethane	10.172	83	7847	1.232	ug/L #	49
68) 1,2-Dibromo-3-chloropr...	12.194	75	1050	1.087	ug/L #	4
72) 1,2,3-Trichlorobenzene	13.699	180	2973	0.449	ug/L #	2

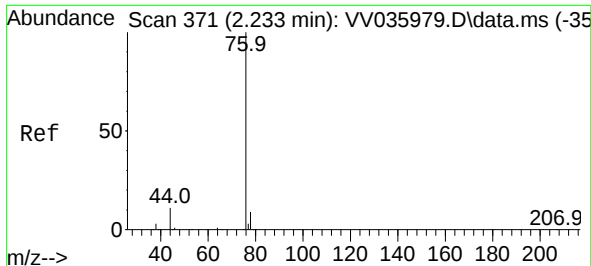
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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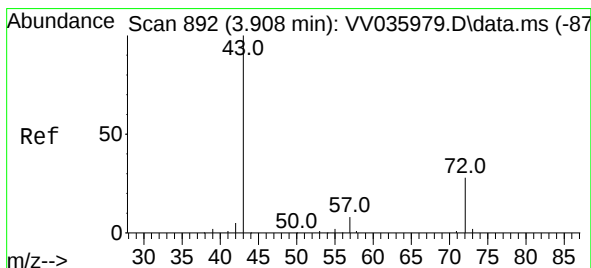
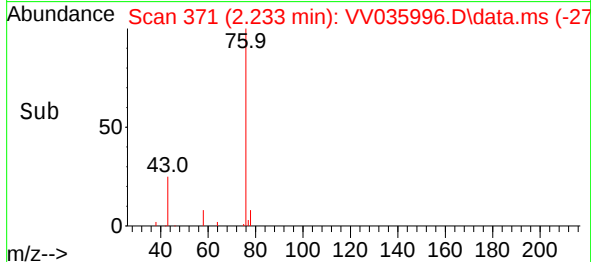
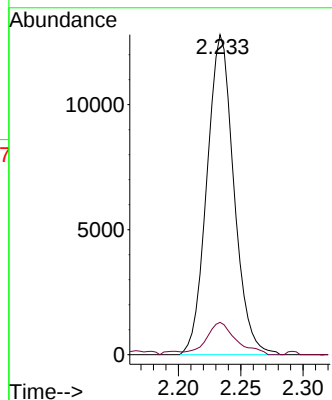
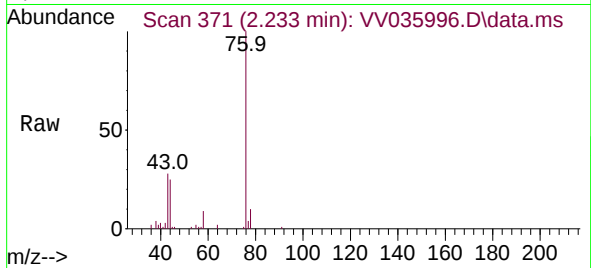




#14
Carbon disulfide
Concen: 0.595 ug/L
RT: 2.233 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV035996.D
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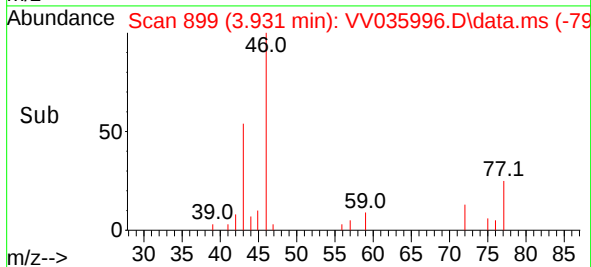
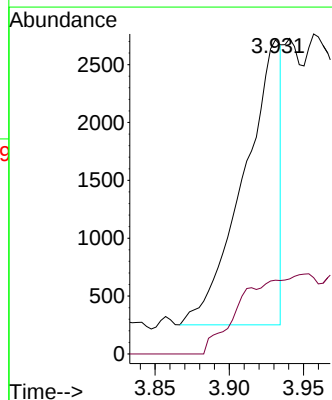
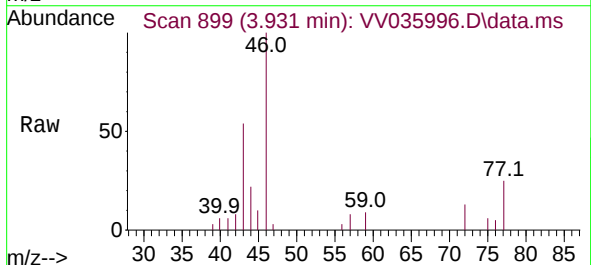
Instrument :
MSVOA_V
ClientSampleId :

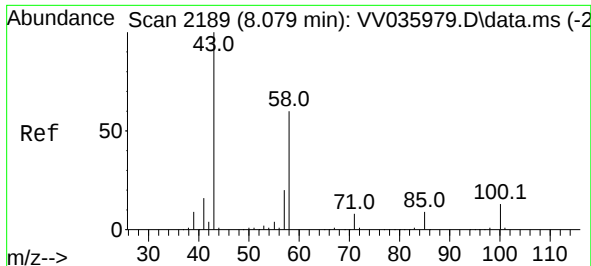
Tgt Ion: 76 Resp: 19295
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.2



#22
2-Butanone
Concen: 1.325 ug/L
RT: 3.931 min Scan# 899
Delta R.T. 0.023 min
Lab File: VV035996.D
Acq: 06 Jun 2024 18:32

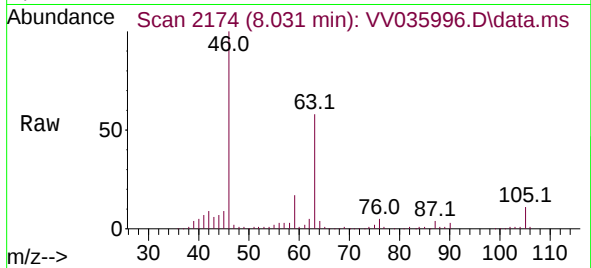
Tgt Ion: 43 Resp: 4304
Ion Ratio Lower Upper
43 100
72 16.9 8.2 24.4



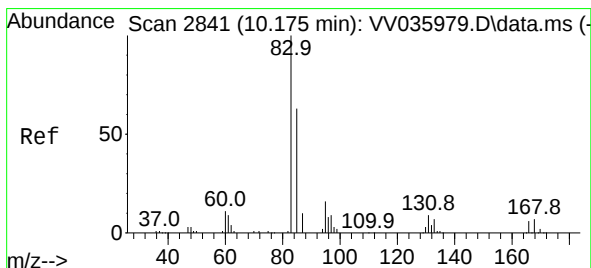
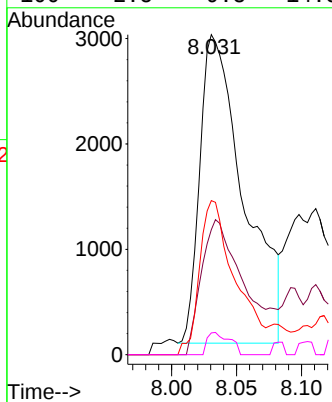
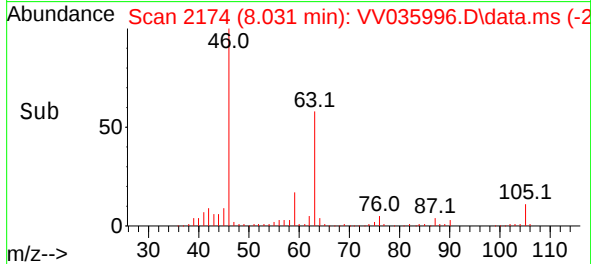


#48
2-Hexanone
Concen: 1.893 ug/L
RT: 8.031 min Scan# 2189
Delta R.T. -0.048 min
Lab File: VV035996.D
Acq: 06 Jun 2024 18:32

Instrument :
MSVOA_V
ClientSampleId :

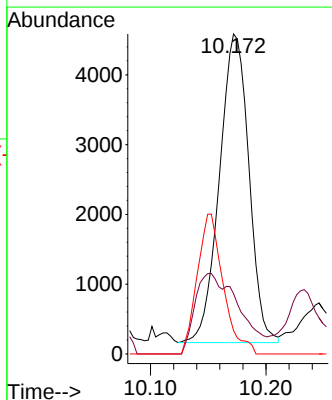
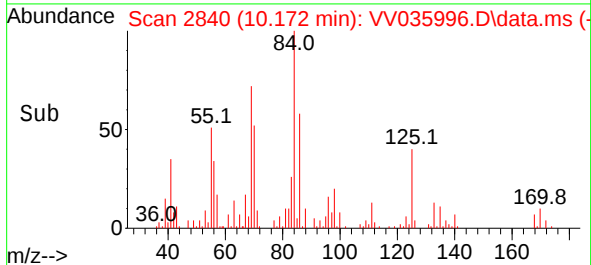
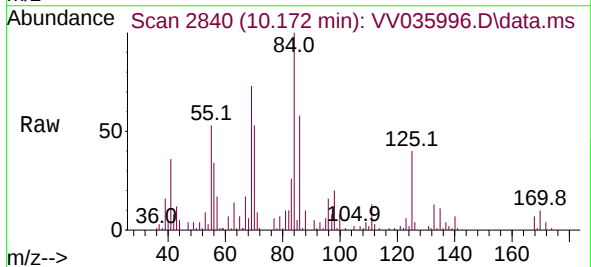


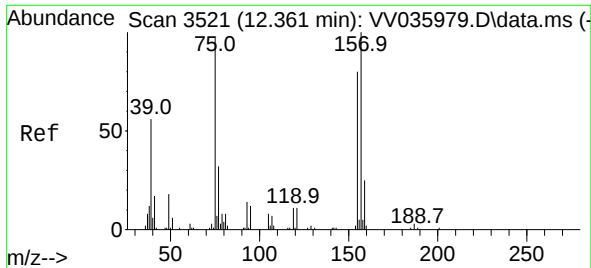
Tgt Ion: 43 Resp: 6909
Ion Ratio Lower Upper
43 100
58 40.8 45.4 68.0#
57 36.7 15.8 23.8#
100 2.5 9.8 14.8#



#57
1,1,2,2-Tetrachloroethane
Concen: 1.232 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. -0.003 min
Lab File: VV035996.D
Acq: 06 Jun 2024 18:32

Tgt Ion: 83 Resp: 7847
Ion Ratio Lower Upper
83 100
85 18.8 45.1 83.7#
131 9.8 7.6 11.4

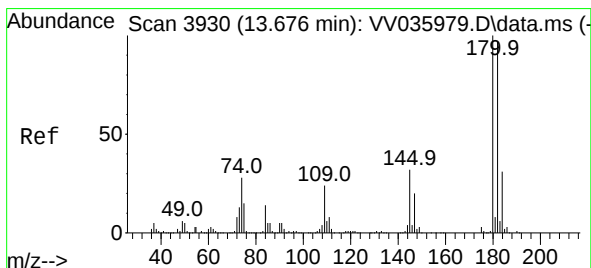
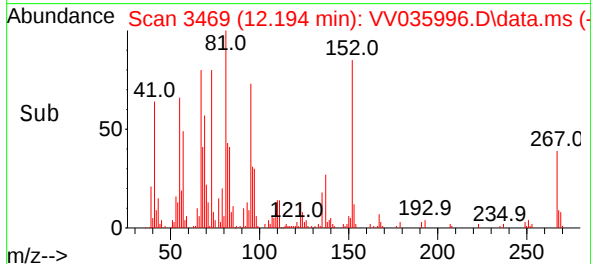
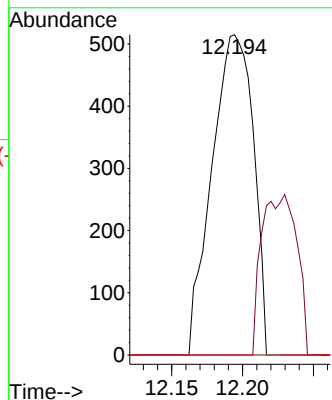
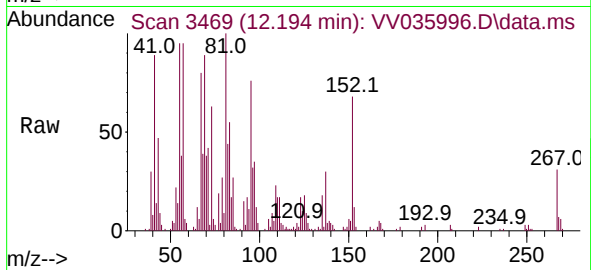




#68
1,2-Dibromo-3-chloropropane
Concen: 1.087 ug/L
RT: 12.194 min Scan# 3469
Delta R.T. -0.167 min
Lab File: VV035996.D
Acq: 06 Jun 2024 18:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1050
Ion Ratio Lower Upper
75 100
155 0.0 63.3 94.9#
157 0.0 82.4 123.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.449 ug/L
RT: 13.699 min Scan# 3937
Delta R.T. 0.023 min
Lab File: VV035996.D
Acq: 06 Jun 2024 18:32

Tgt Ion:180 Resp: 2973
Ion Ratio Lower Upper
180 100
182 16.9 75.1 112.7#
145 115.6 25.2 37.8#

