

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042123\
 Data File : VD075771.D
 Acq On : 21 Apr 2023 13:03
 Operator : KP/SY
 Sample : 02447-02
 Misc : 2.73G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EW907

Quant Time: Apr 22 03:54:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 22 03:53:08 2023
 Response via : Initial Calibration

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

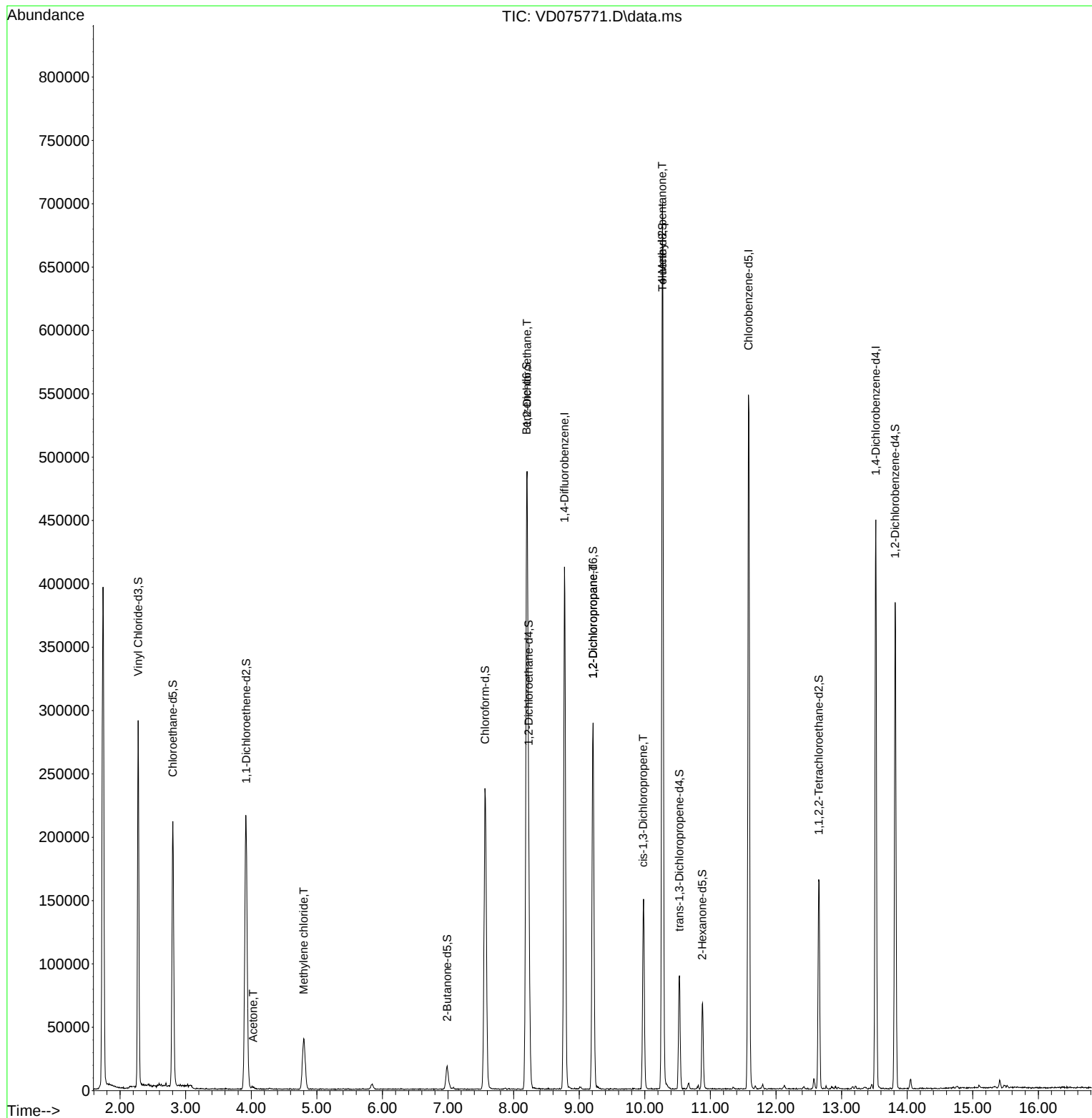
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	394826	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	363501	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	129662	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	272826	31.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 126.000%	
7) Chloroethane-d5	2.805	69	225421	30.122	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 120.480%	
11) 1,1-Dichloroethene-d2	3.922	65	58601	29.346	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 117.400%#	
21) 2-Butanone-d5	6.987	46	29592	39.355	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 78.720%	
24) Chloroform-d	7.563	84	259455	26.279	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 105.120%	
26) 1,2-Dichloroethane-d4	8.228	65	105571	25.039	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 100.160%	
32) Benzene-d6	8.199	84	574165	27.101	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 108.400%	
36) 1,2-Dichloropropane-d6	9.210	67	154559	26.356	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 105.440%	
41) Toluene-d8	10.269	98	510520	25.739	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.960%	
43) trans-1,3-Dichloroprop...	10.528	79	56242	23.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 92.800%	
47) 2-Hexanone-d5	10.875	63	25555	36.192	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 72.380%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	92017	20.506	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 82.040%	
66) 1,2-Dichlorobenzene-d4	13.816	152	110527	24.099	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.400%	
Target Compounds						
						Qvalue
13) Acetone	4.028	43	1386	2.154	ug/L	91
16) Methylene chloride	4.799	84	36948	4.613	ug/L	95
27) 1,2-Dichloroethane	8.205	62	2367	0.480	ug/L #	68
37) 1,2-Dichloropropane	9.210	63	15803	3.129	ug/L #	85
39) cis-1,3-Dichloropropene	9.975	75	4342	0.541	ug/L #	74
40) 4-Methyl-2-pentanone	10.263	43	1347	0.731	ug/L #	1

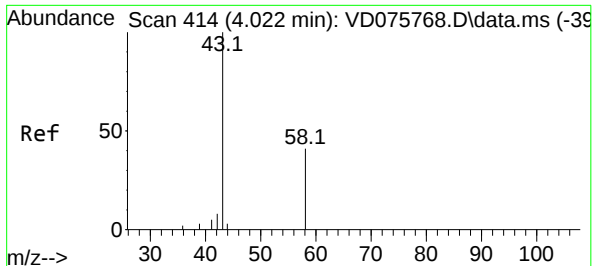
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.154 ug/L

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD075771.D

Acq: 21 Apr 2023 13:03

Instrument :

MSVOA_D

ClientSampleId :

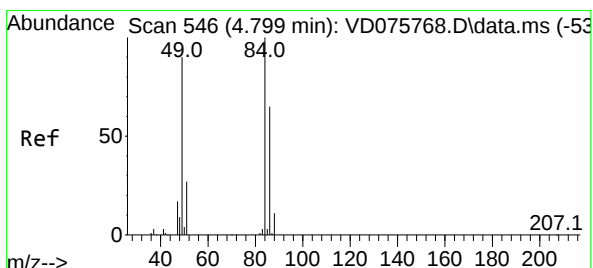
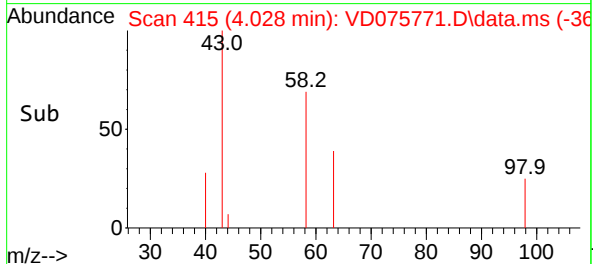
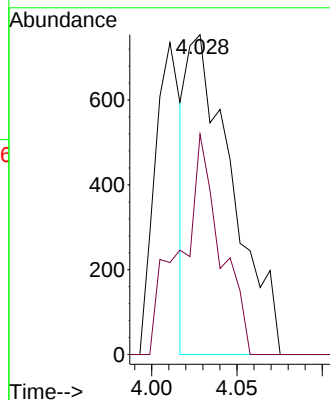
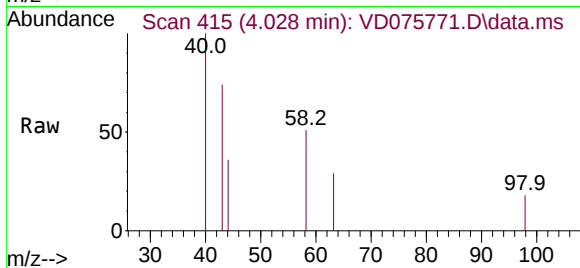
EW907

Tgt Ion: 43 Resp: 1386

Ion Ratio Lower Upper

43 100

58 37.9 0.0 87.4



#16

Methylene chloride

Concen: 4.613 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

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Acq: 21 Apr 2023 13:03

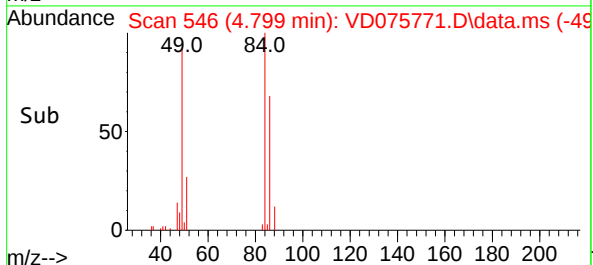
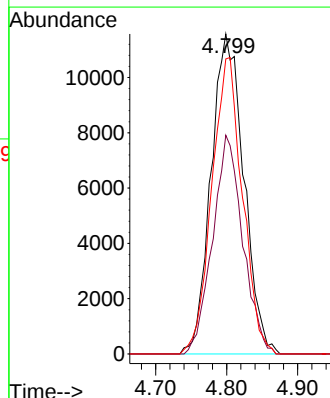
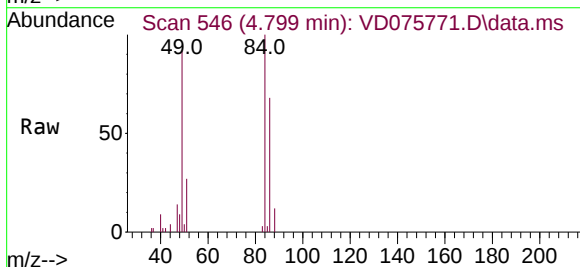
Tgt Ion: 84 Resp: 36948

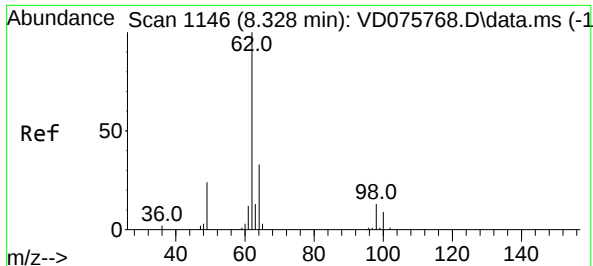
Ion Ratio Lower Upper

84 100

86 68.3 45.8 85.2

49 92.2 60.8 112.8

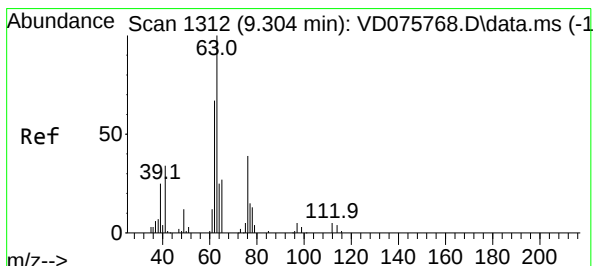
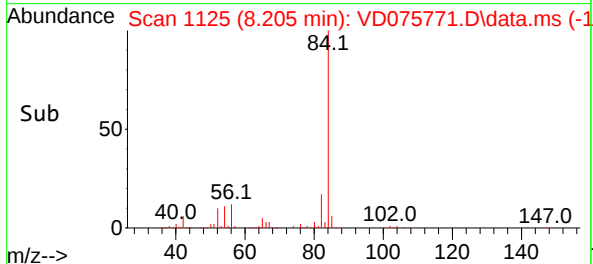
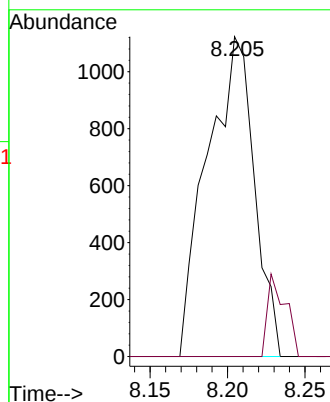
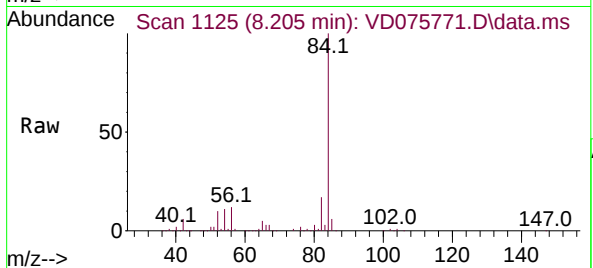




#27
1,2-Dichloroethane
Concen: 0.480 ug/L
RT: 8.205 min Scan# 1125
Delta R.T. -0.123 min
Lab File: VD075771.D
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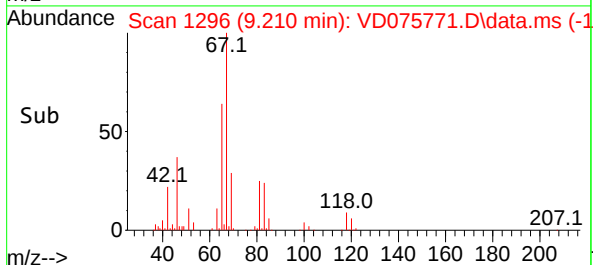
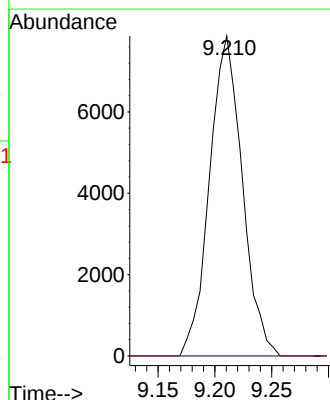
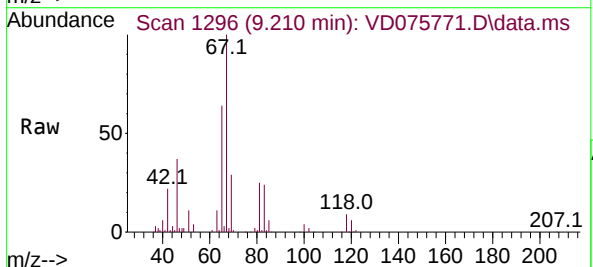
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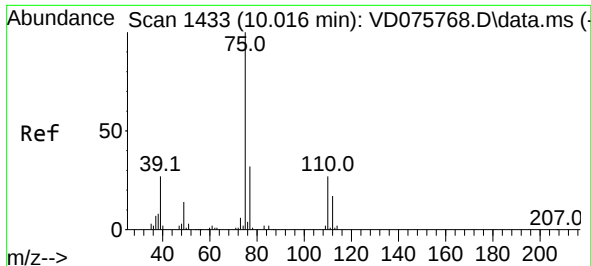
Tgt Ion: 62 Resp: 2367
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



#37
1,2-Dichloropropane
Concen: 3.129 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD075771.D
Acq: 21 Apr 2023 13:03

Tgt Ion: 63 Resp: 15803
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#

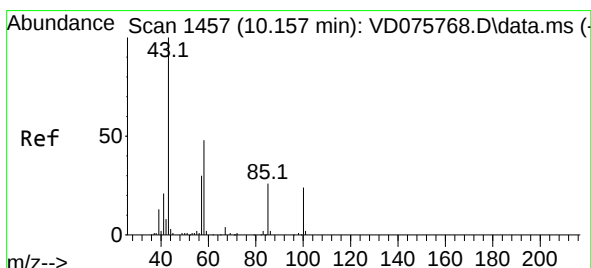
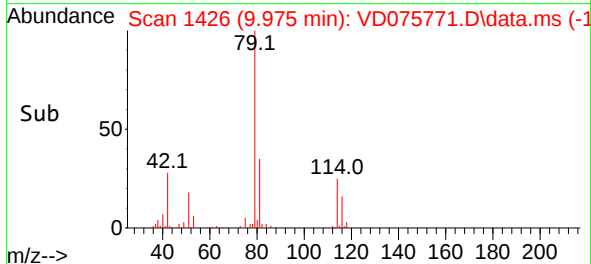
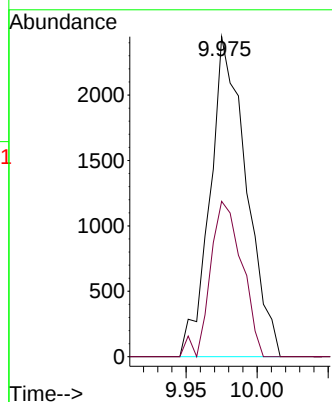
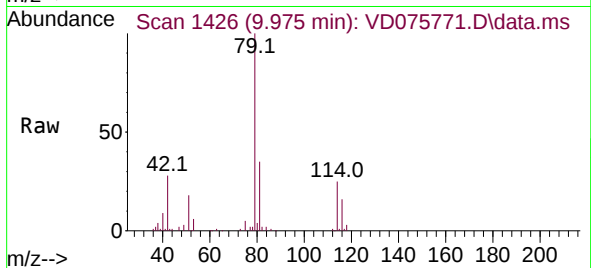




#39
 cis-1,3-Dichloropropene
 Concen: 0.541 ug/L
 RT: 9.975 min Scan# 1426
 Delta R.T. -0.041 min
 Lab File: VD075771.D
 Acq: 21 Apr 2023 13:03

Instrument :
 MSVOA_D
 ClientSampleId :
 EW907

Tgt Ion: 75 Resp: 4342
 Ion Ratio Lower Upper
 75 100
 77 48.6 23.4 43.6#



#40
 4-Methyl-2-pentanone
 Concen: 0.731 ug/L
 RT: 10.263 min Scan# 1475
 Delta R.T. 0.106 min
 Lab File: VD075771.D
 Acq: 21 Apr 2023 13:03

Tgt Ion: 43 Resp: 1347
 Ion Ratio Lower Upper
 43 100
 58 241.6 39.1 58.7#
 100 23964.5 19.4 29.0#

