

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052365.D
 Acq On : 12 Dec 2022 20:04
 Operator : JC/MD
 Sample : N5961-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N36

Quant Time: Dec 13 01:07:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 13 01:01:45 2022
 Response via : Initial Calibration

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

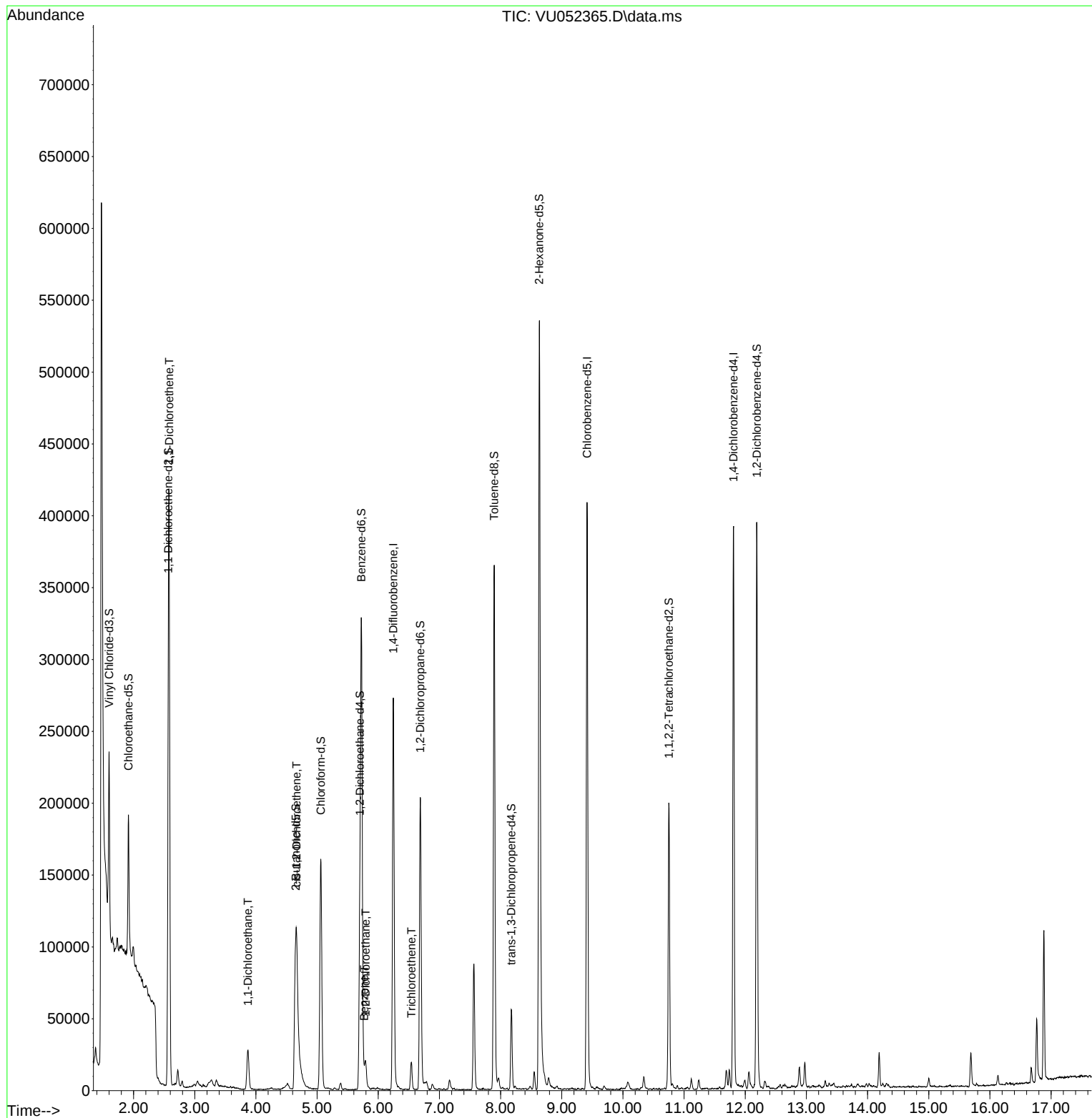
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227783	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	236143	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	110154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	86643	3.910	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.916	69	72595	4.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.568	65	35409	4.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.652	46	233886	58.236	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.480%
24) Chloroform-d	5.060	84	157213	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.700	65	82979	5.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.726	84	319897	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.687	67	105824	4.878	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.896	98	253891	4.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.176	79	33610	4.251	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.632	63	196195	58.555	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.120%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	102562	5.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.188	152	107229	5.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.581	96	110334	6.677	ug/L	86
19) 1,1-Dichloroethane	3.867	63	33382	1.046	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	16128	0.868	ug/L	95
27) 1,2-Dichloroethane	5.793	62	13659	0.689	ug/L	96
33) Benzene	5.771	78	7906	0.103	ug/L	100
34) Trichloroethene	6.542	95	6831	0.356	ug/L	91

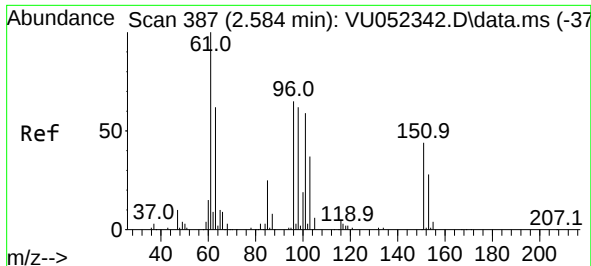
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 13 01:01:45 2022
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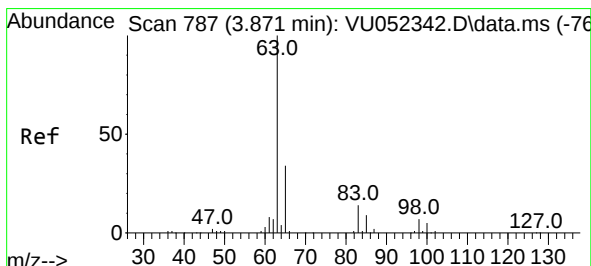
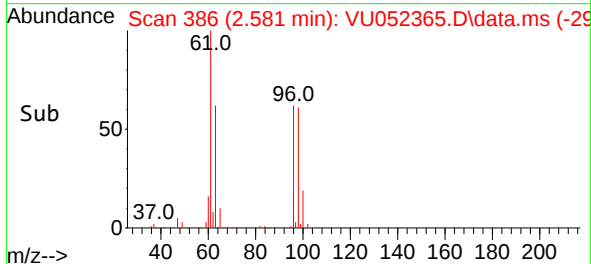
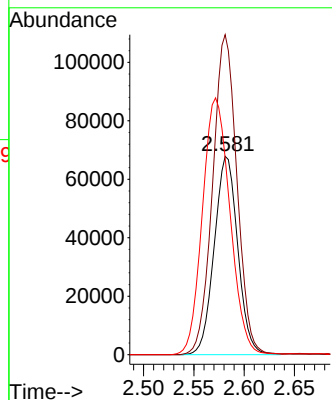
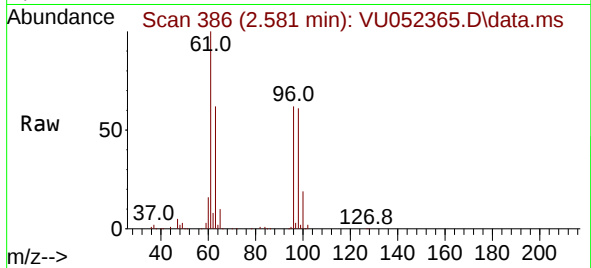




#12
1,1-Dichloroethene
Concen: 6.677 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU052365.D
Acq: 12 Dec 2022 20:04

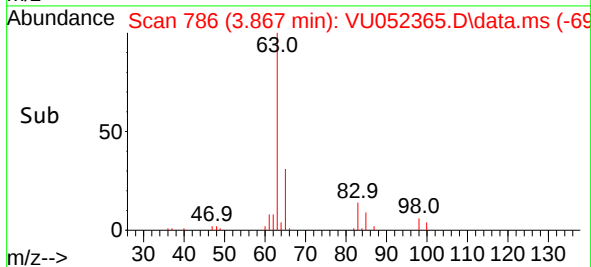
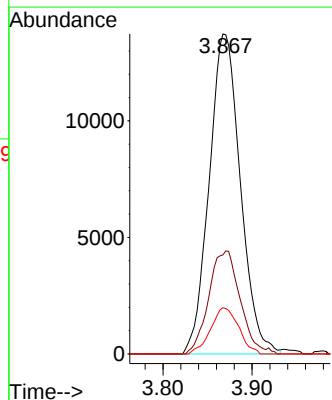
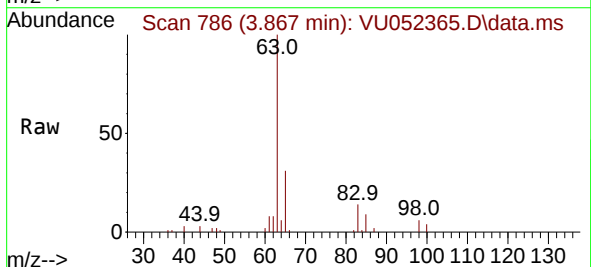
Instrument :
MSVOA_U
ClientSampleId :
F5N36

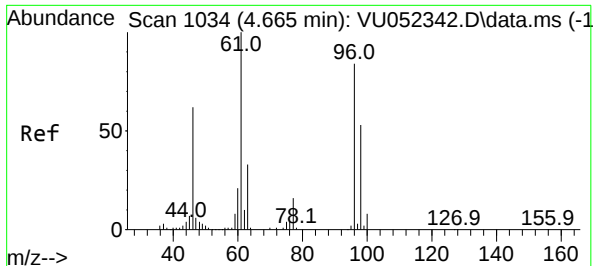
Tgt Ion: 96 Resp: 110334
Ion Ratio Lower Upper
96 100
61 161.2 114.8 213.2
63 99.2 93.7 174.1



#19
1,1-Dichloroethane
Concen: 1.046 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.003 min
Lab File: VU052365.D
Acq: 12 Dec 2022 20:04

Tgt Ion: 63 Resp: 33382
Ion Ratio Lower Upper
63 100
65 31.0 22.2 41.2
83 14.5 9.2 17.0

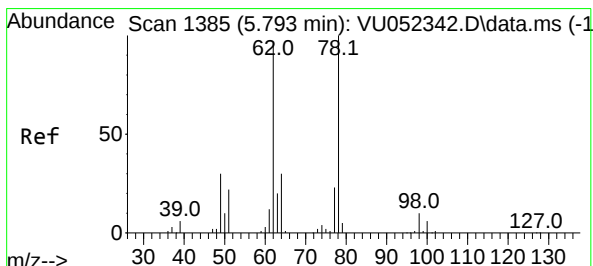
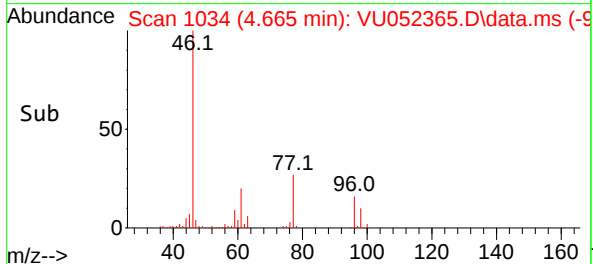
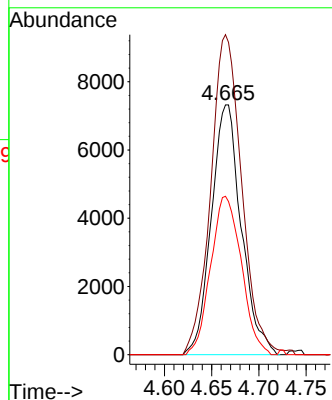
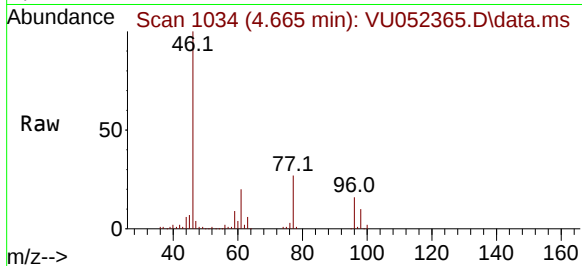




#22
 cis-1,2-Dichloroethene
 Concen: 0.868 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052365.D
 Acq: 12 Dec 2022 20:04

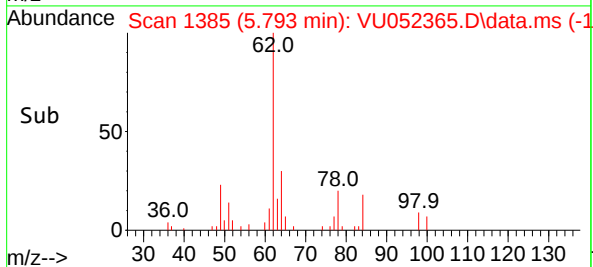
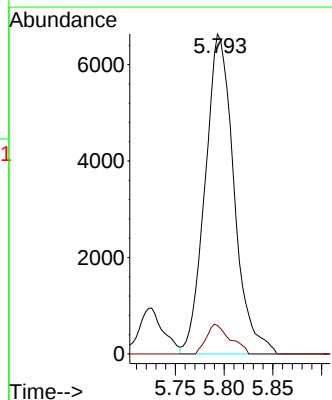
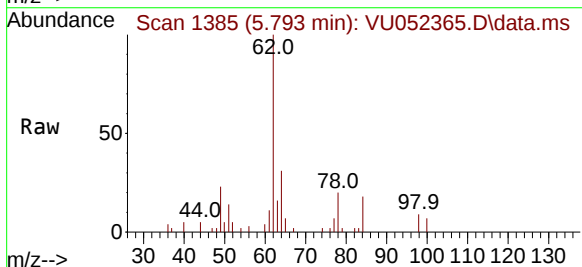
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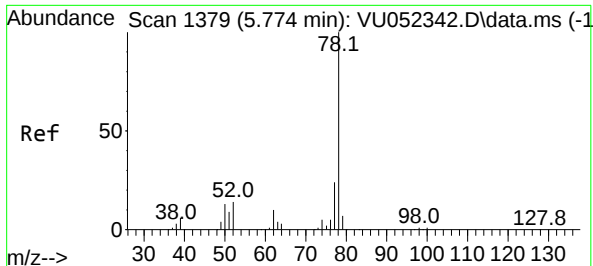
Tgt Ion: 96 Resp: 16128
 Ion Ratio Lower Upper
 96 100
 61 128.1 85.1 158.1
 98 63.4 42.8 79.6



#27
 1,2-Dichloroethane
 Concen: 0.689 ug/L
 RT: 5.793 min Scan# 1385
 Delta R.T. -0.000 min
 Lab File: VU052365.D
 Acq: 12 Dec 2022 20:04

Tgt Ion: 62 Resp: 13659
 Ion Ratio Lower Upper
 62 100
 98 8.9 8.4 12.6

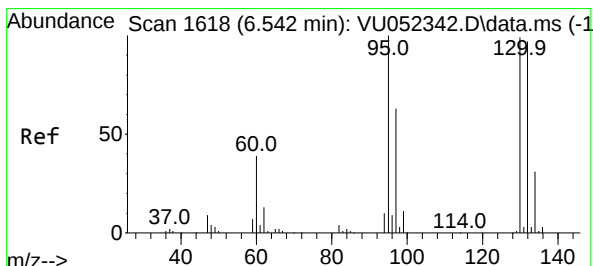
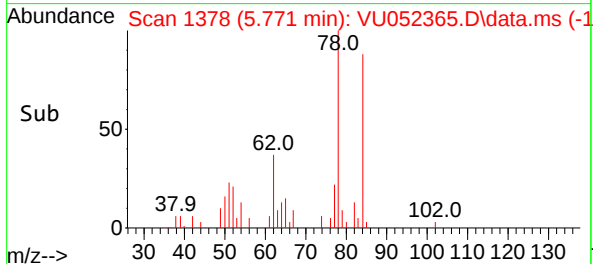
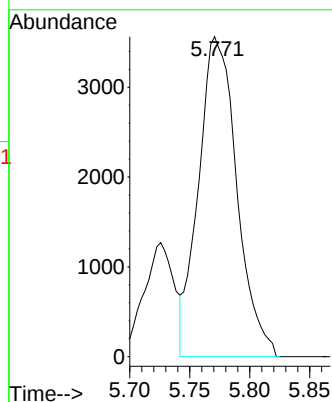
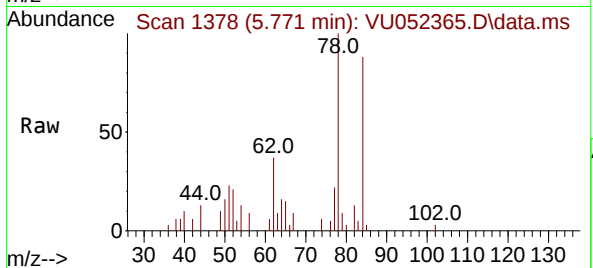




#33
Benzene
Concen: 0.103 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052365.D
Acq: 12 Dec 2022 20:04

Instrument :
MSVOA_U
ClientSampleId :
F5N36

Tgt Ion: 78 Resp: 7906



#34
Trichloroethene
Concen: 0.356 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VU052365.D
Acq: 12 Dec 2022 20:04

Tgt Ion: 95 Resp: 6831
Ion Ratio Lower Upper
95 100
97 62.0 43.7 81.1
132 85.3 64.3 119.3
130 80.8 67.3 124.9

