

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121222\
 Data File : VU052356.D
 Acq On : 12 Dec 2022 16:34
 Operator : JC/MD
 Sample : N5930-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZA1

Quant Time: Dec 13 01:05:13 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)

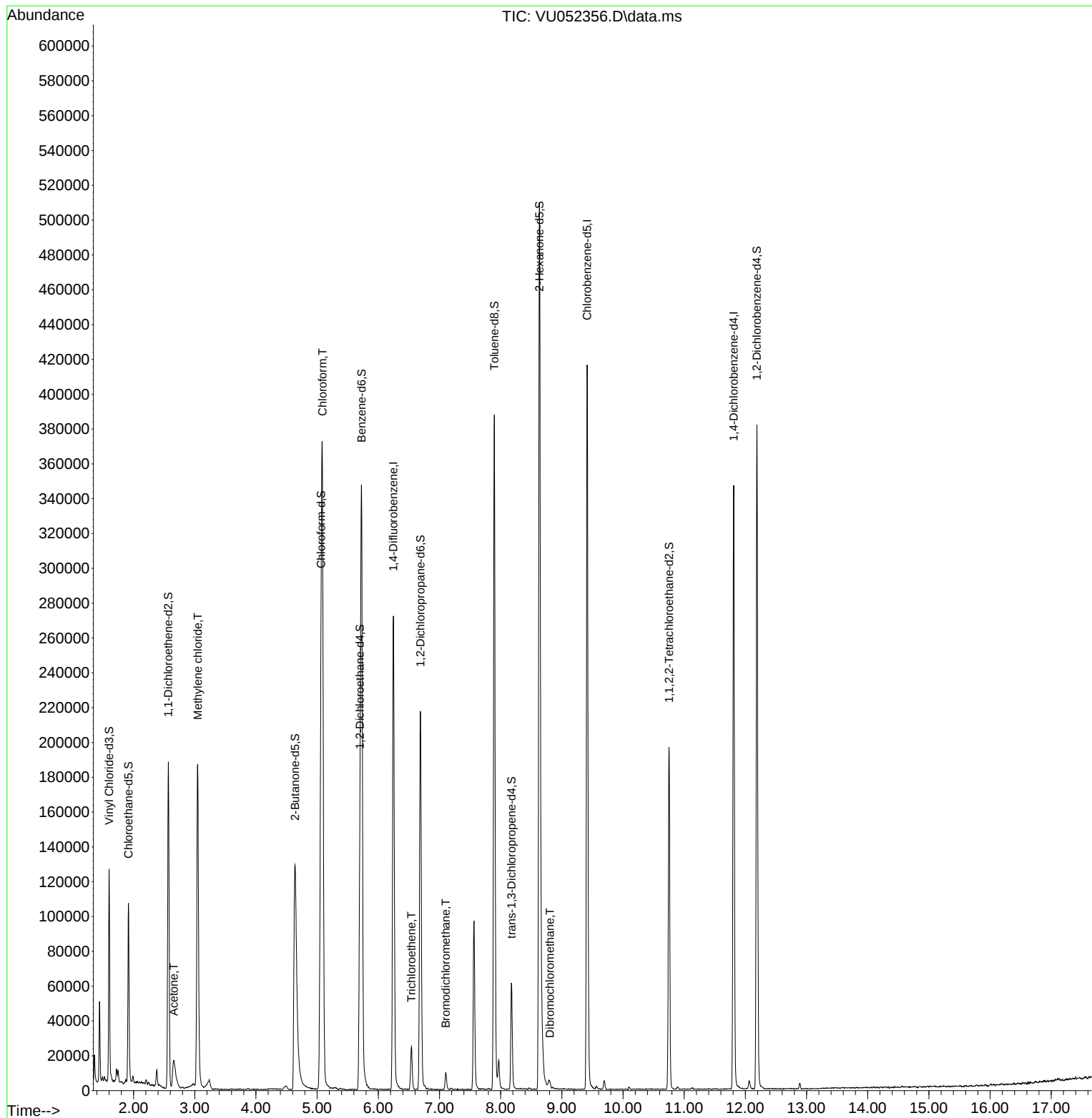
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	229816	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	238689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	98200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	89173	3.989	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.800%
7) Chloroethane-d5	1.916	69	79230	4.563	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.568	65	35721	4.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.639	46	251000	61.945	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.880%
24) Chloroform-d	5.063	84	180289	5.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
26) 1,2-Dichloroethane-d4	5.700	65	88772	5.351	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.726	84	346439	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.687	67	114249	5.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.896	98	275760	4.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	8.176	79	37136	4.647	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.632	63	177382	52.376	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.760%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	103008	5.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	104692	5.568	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						
					Qvalue	
13) Acetone	2.655	43	37087	13.479	ug/L	99
16) Methylene chloride	3.047	84	99617	4.417	ug/L	97
25) Chloroform	5.086	83	298424	9.144	ug/L	97
34) Trichloroethene	6.542	95	8327	0.430	ug/L	93
38) Bromodichloromethane	7.102	83	6752	0.275	ug/L #	90
49) Dibromochloromethane	8.806	129	1025	0.061	ug/L	86

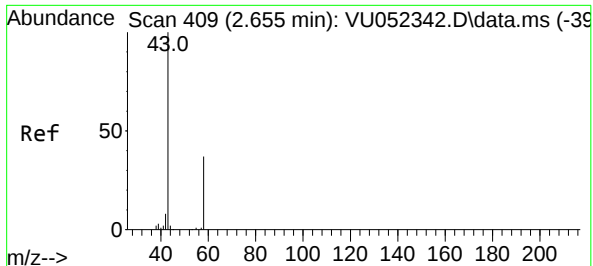
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 13 01:01:45 2022
Response via : Initial Calibration





#13

Acetone

Concen: 13.479 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.000 min

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Acq: 12 Dec 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

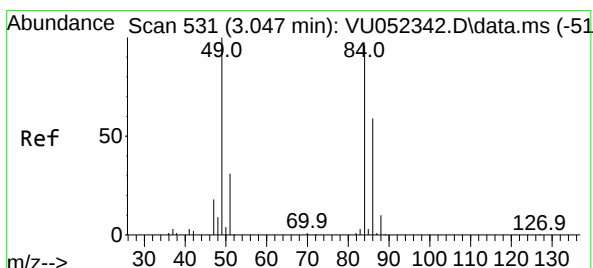
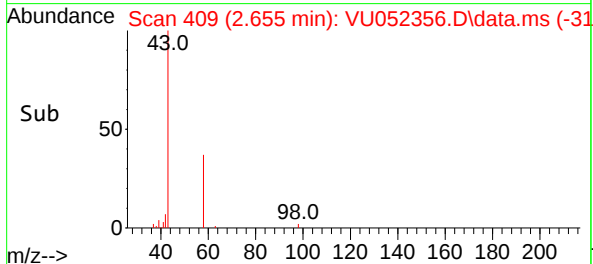
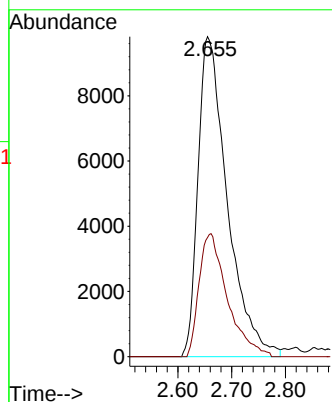
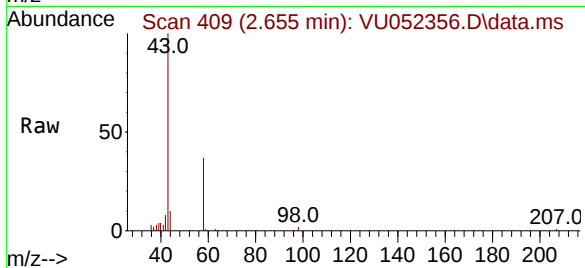
EXZA1

Tgt Ion: 43 Resp: 37087

Ion Ratio Lower Upper

43 100

58 37.2 0.0 76.0



#16

Methylene chloride

Concen: 4.417 ug/L

RT: 3.047 min Scan# 531

Delta R.T. -0.000 min

Lab File: VU052356.D

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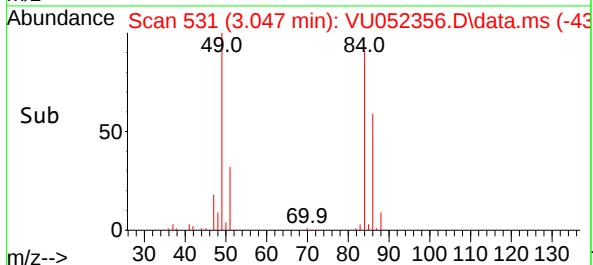
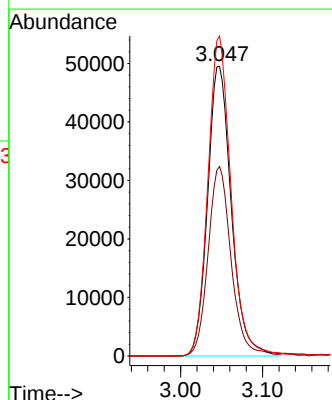
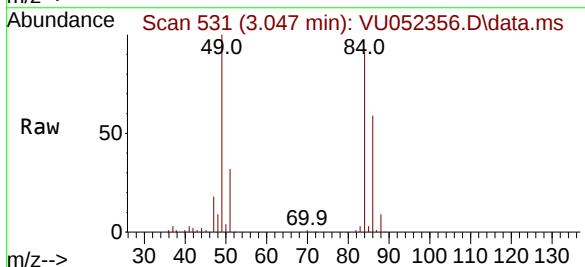
Tgt Ion: 84 Resp: 99617

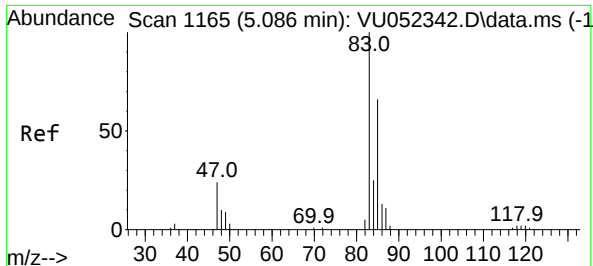
Ion Ratio Lower Upper

84 100

86 65.4 43.8 81.4

49 110.5 75.9 141.1





#25

Chloroform

Concen: 9.144 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU052356.D

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Instrument :

MSVOA_U

ClientSampleId :

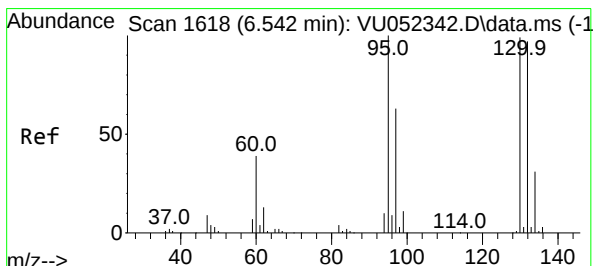
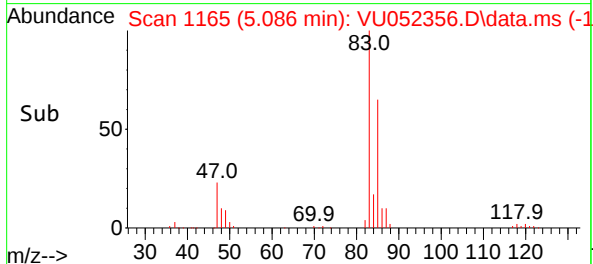
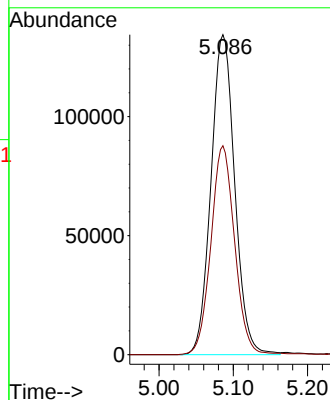
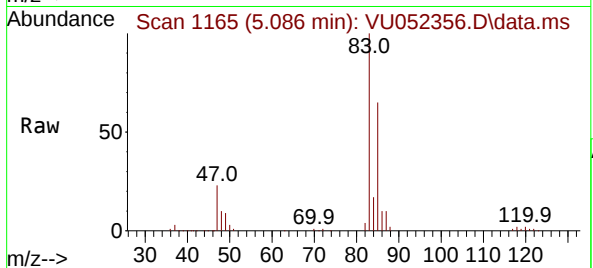
EXZA1

Tgt Ion: 83 Resp: 298424

Ion Ratio Lower Upper

83 100

85 65.3 43.8 81.4



#34

Trichloroethene

Concen: 0.430 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.000 min

Lab File: VU052356.D

Acq: 12 Dec 2022 16:34

Tgt Ion: 95 Resp: 8327

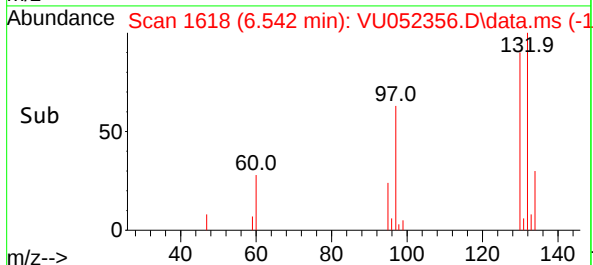
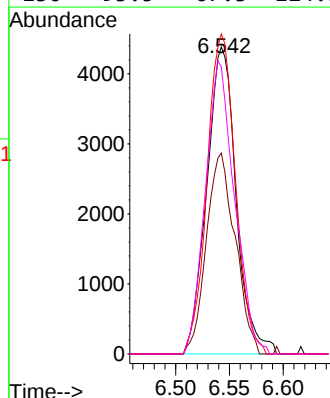
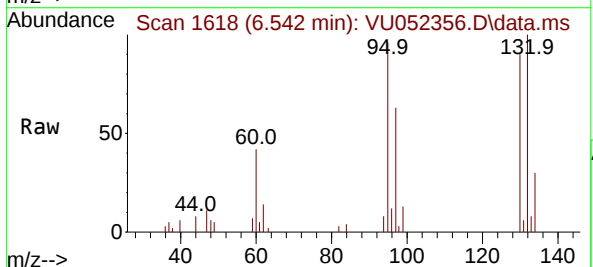
Ion Ratio Lower Upper

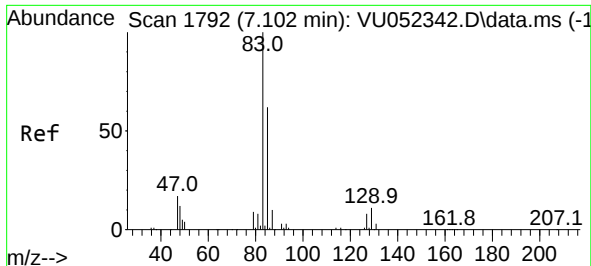
95 100

97 65.5 43.7 81.1

132 104.2 64.3 119.3

130 93.5 67.3 124.9

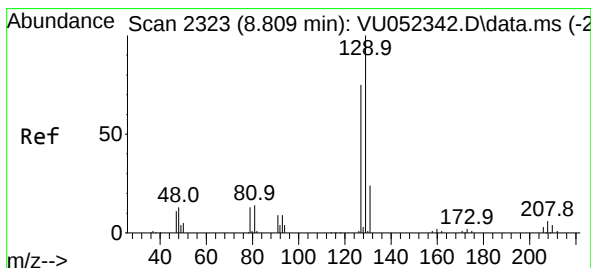
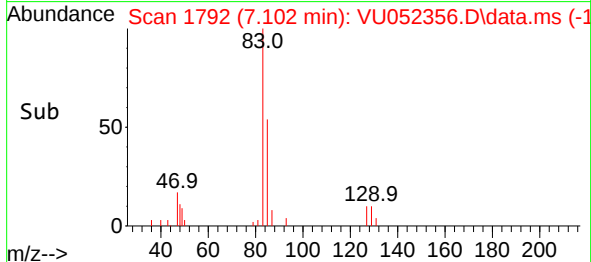
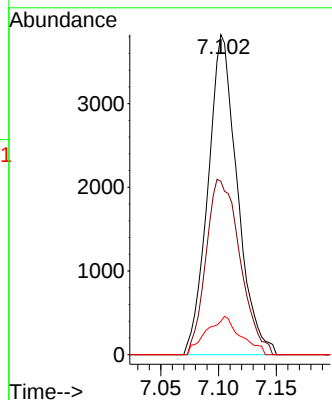
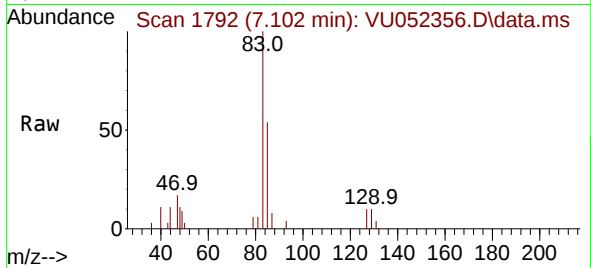




#38
Bromodichloromethane
Concen: 0.275 ug/L
RT: 7.102 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU052356.D
Acq: 12 Dec 2022 16:34

Instrument :
MSVOA_U
ClientSampleId :
EXZA1

Tgt Ion: 83 Resp: 6752
Ion Ratio Lower Upper
83 100
85 54.2 43.5 80.9
127 10.4 6.8 10.2#



#49
Dibromochloromethane
Concen: 0.061 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU052356.D
Acq: 12 Dec 2022 16:34

Tgt Ion: 129 Resp: 1025
Ion Ratio Lower Upper
129 100
127 64.0 52.8 98.2

