

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061824\
 Data File : VU059325.D
 Acq On : 18 Jun 2024 20:42
 Operator : MD/SY
 Sample : P2873-12
 Misc : 5.41g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 19 05:39:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 05:32:50 2024
 Response via : Initial Calibration

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

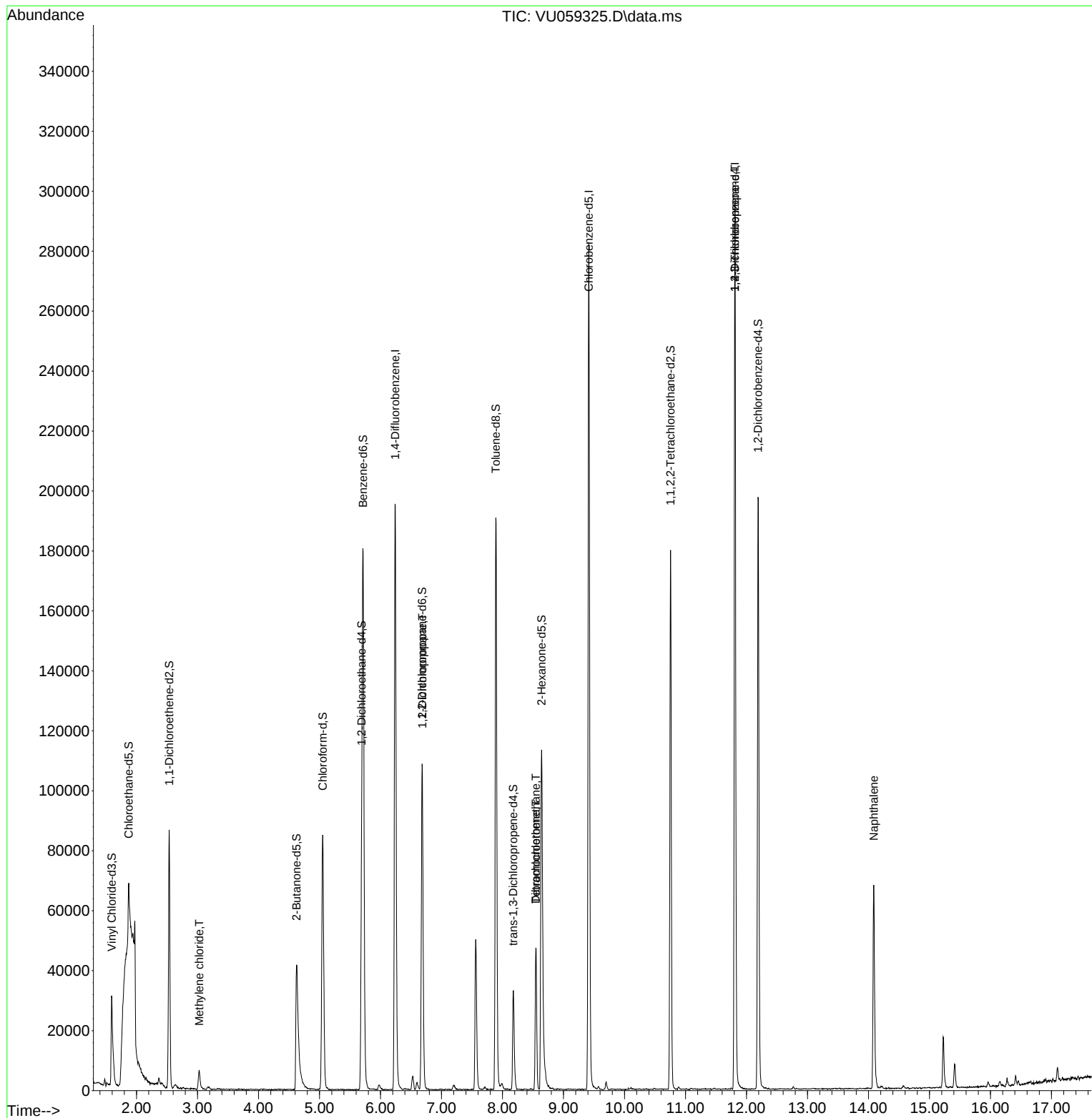
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	166959	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	167518	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	81809	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	37080	37.093	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.180%
7) Chloroethane-d5	1.872	69	21803	25.461	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	50.920%#
11) 1,1-Dichloroethene-d2	2.534	63	50116	25.399	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	50.800%#
21) 2-Butanone-d5	4.624	46	73868	78.396	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.400%
24) Chloroform-d	5.052	84	82339	41.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.760%
26) 1,2-Dichloroethane-d4	5.692	65	53689	44.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.040%
32) Benzene-d6	5.714	84	165433	43.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.060%
36) 1,2-Dichloropropane-d6	6.682	67	54677	41.245	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.480%
41) Toluene-d8	7.891	98	138411	42.407	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.820%
43) trans-1,3-Dichloroprop...	8.177	79	21612	40.331	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.660%
47) 2-Hexanone-d5	8.640	63	48504	79.122	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.120%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	91778	40.906	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.820%
66) 1,2-Dichlorobenzene-d4	12.190	152	56857	46.571	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.140%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.030	84	3651	2.287	ug/L	91
37) 1,2-Dichloropropane	6.685	63	5592	3.256	ug/L #	90
46) Tetrachloroethene	8.547	164	11309	11.463	ug/L	89
49) Dibromochloromethane	8.547	129	10694	7.662	ug/L #	11
60) 1,2,3-Trichloropropane	11.810	75	9624	4.230	ug/L #	67
71) Naphthalene	14.087	128	61949	13.793	ug/L	97

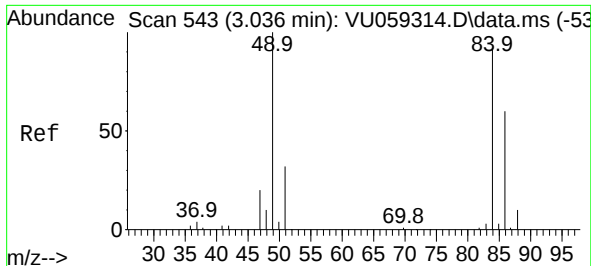
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jun 19 05:32:50 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 2.287 ug/L

RT: 3.030 min Scan# 543

Delta R.T. -0.007 min

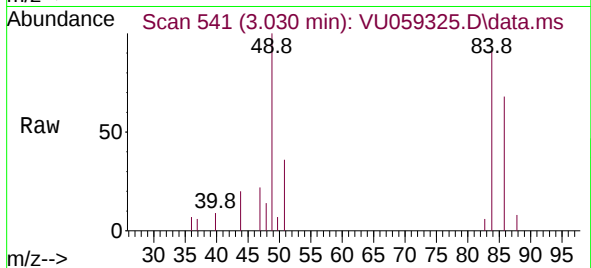
Lab File: VU059325.D

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Instrument :

MSVOA_U

ClientSampleId :



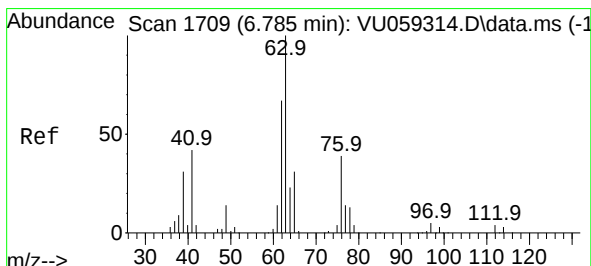
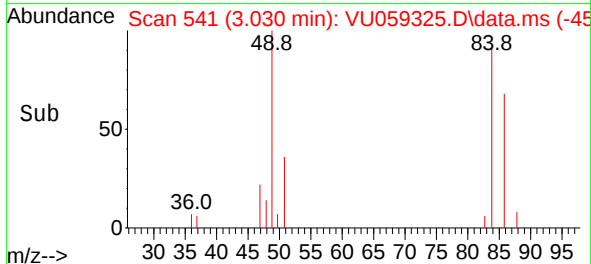
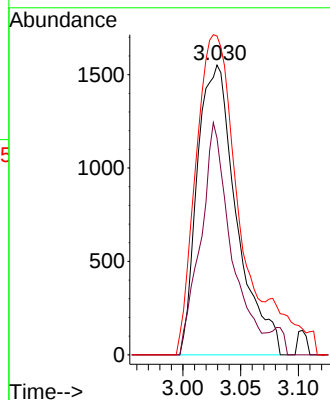
Tgt Ion: 84 Resp: 3651

Ion Ratio Lower Upper

84 100

86 74.8 44.9 83.3

49 117.5 87.5 162.5



#37

1,2-Dichloropropane

Concen: 3.256 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU059325.D

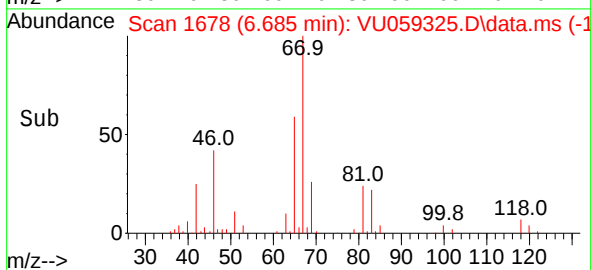
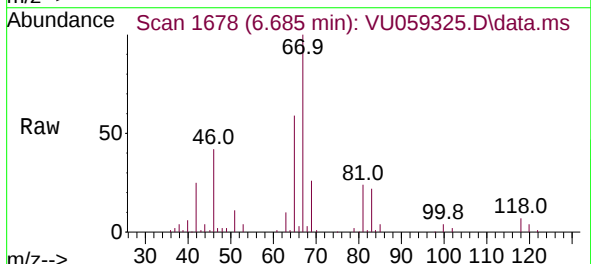
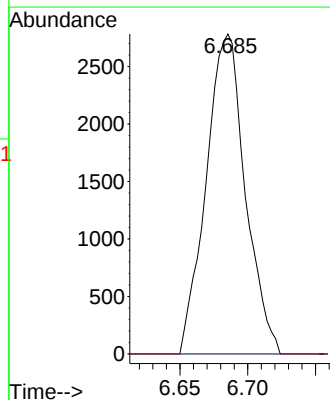
Acq: 18 Jun 2024 20:42

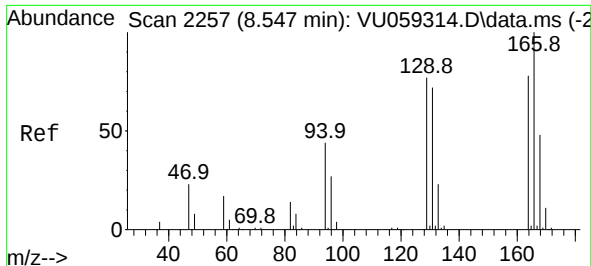
Tgt Ion: 63 Resp: 5592

Ion Ratio Lower Upper

63 100

112 0.0 2.6 4.0#





#46

Tetrachloroethene

Concen: 11.463 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

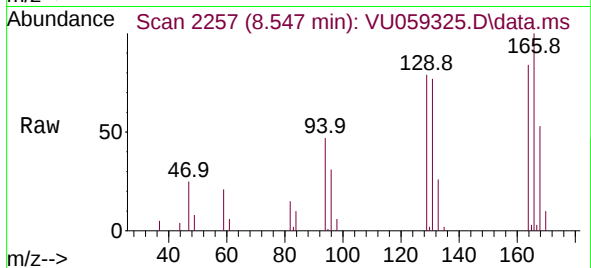
Lab File: VU059325.D

Acq: 18 Jun 2024 20:42

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 11309

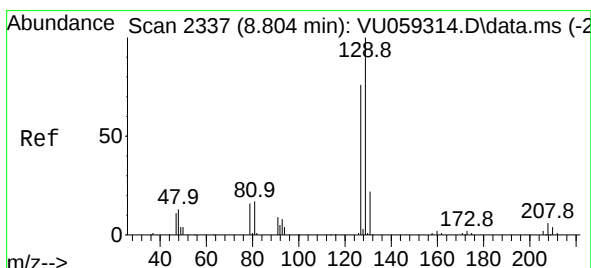
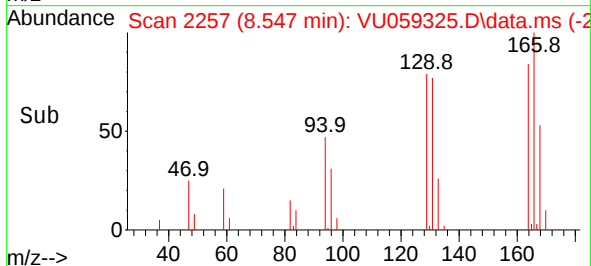
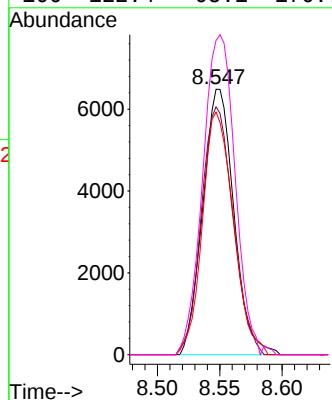
Ion Ratio Lower Upper

164 100

129 93.3 74.5 138.5

131 91.4 70.6 131.0

166 122.4 95.1 176.7



#49

Dibromochloromethane

Concen: 7.662 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU059325.D

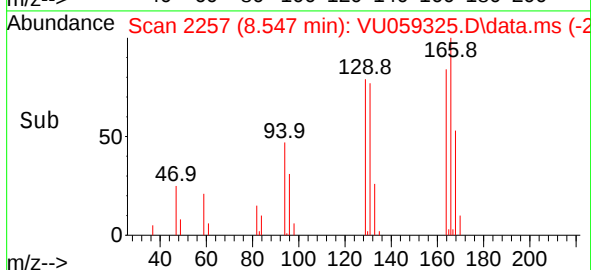
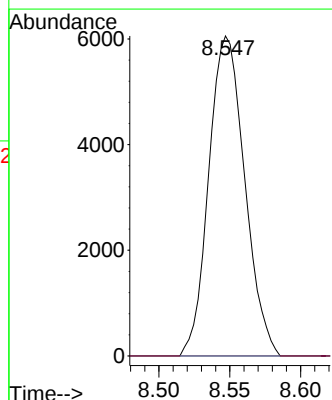
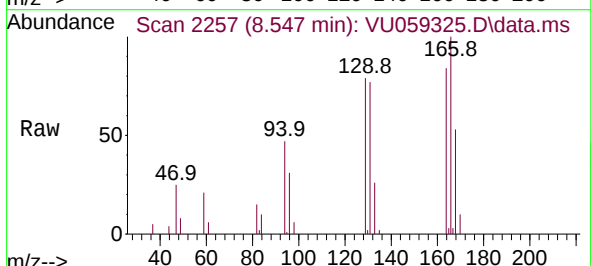
Acq: 18 Jun 2024 20:42

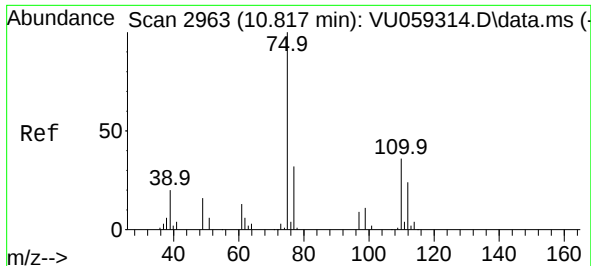
Tgt Ion:129 Resp: 10694

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#





#60

1,2,3-Trichloropropane

Concen: 4.230 ug/L

RT: 11.810 min Scan# 31

Delta R.T. 0.993 min

Lab File: VU059325.D

Acq: 18 Jun 2024 20:42

Instrument :

MSVOA_U

ClientSampleId :

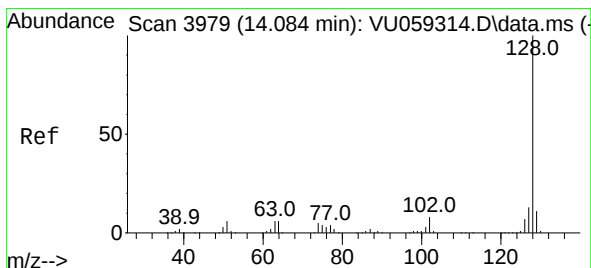
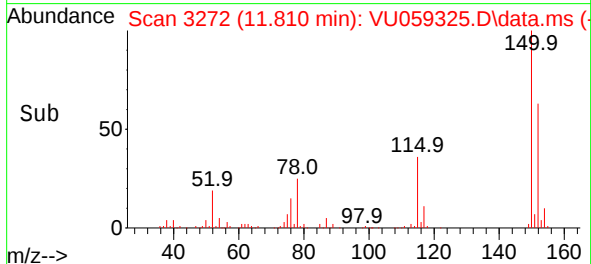
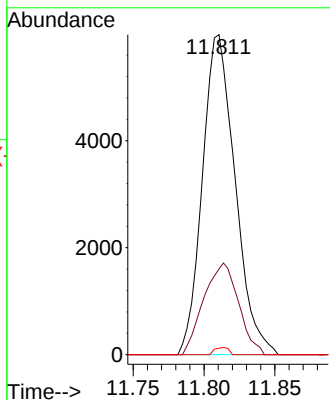
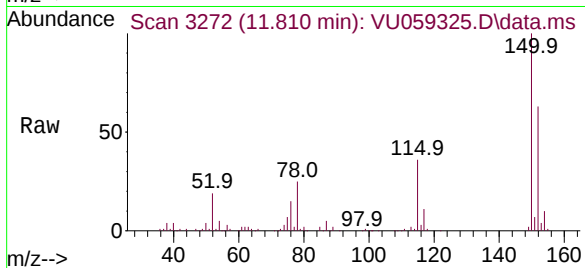
Tgt Ion: 75 Resp: 9624

Ion Ratio Lower Upper

75 100

77 30.4 26.2 39.2

110 1.0 28.4 42.6#



#71

Naphthalene

Concen: 13.793 ug/L

RT: 14.087 min Scan# 3980

Delta R.T. 0.003 min

Lab File: VU059325.D

Acq: 18 Jun 2024 20:42

Tgt Ion:128 Resp: 61949

Ion Ratio Lower Upper

128 100

127 14.9 10.4 15.6

129 10.5 8.5 12.7

