

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048049.D
 Acq On : 14 Apr 2022 11:48
 Operator : SY/MD
 Sample : N2345-14DL 400X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J94DL

Quant Time: Apr 15 02:24:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 02:23:12 2022
 Response via : Initial Calibration

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

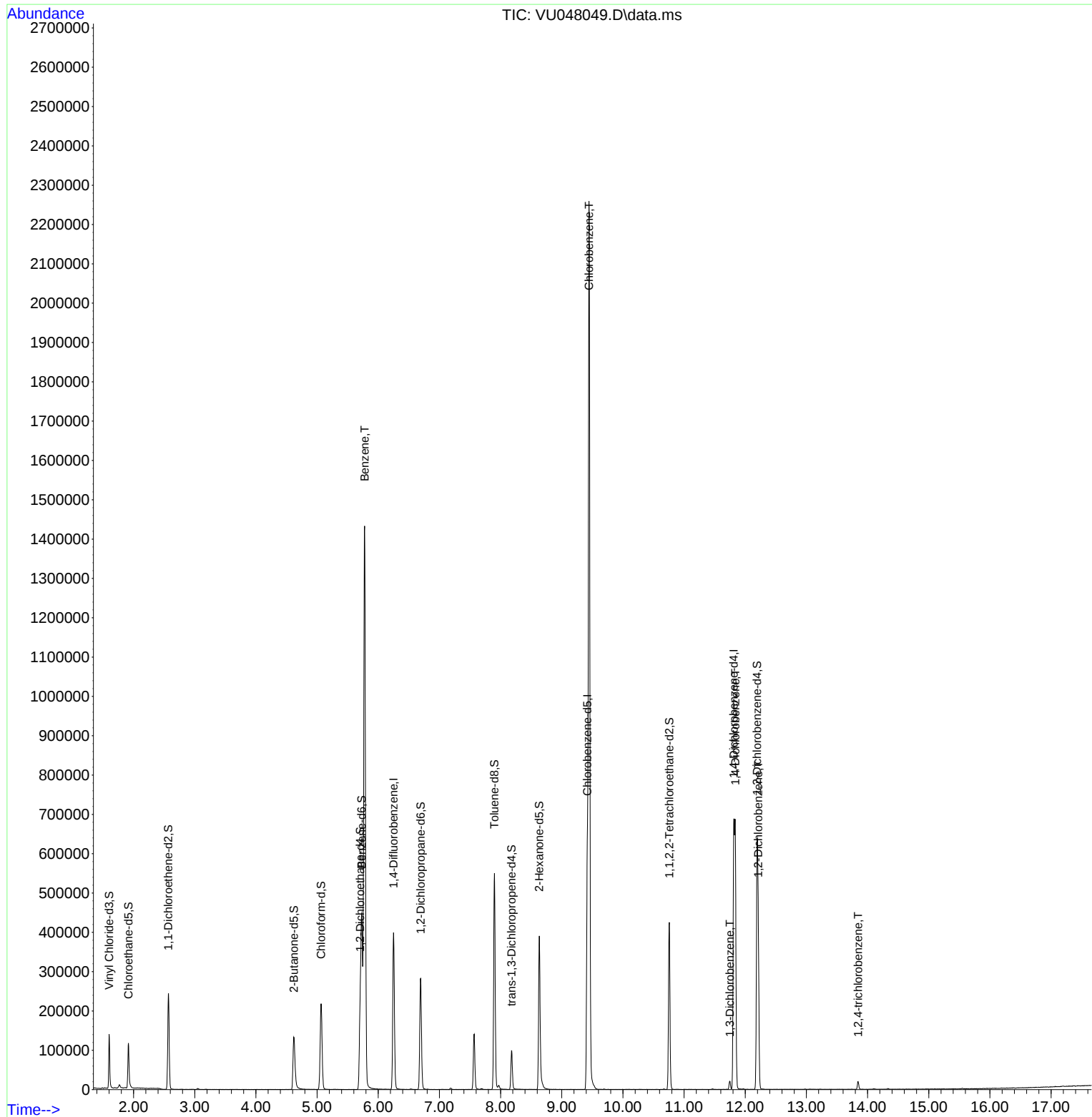
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	337543	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353914	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	182216	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	101704	41.550	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.100%
7) Chloroethane-d5	1.915	69	94197	48.806	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.620%
11) 1,1-Dichloroethene-d2	2.568	63	138233	30.867	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.740%
21) 2-Butanone-d5	4.620	46	191804	91.294	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.290%
24) Chloroform-d	5.066	84	206341	46.071	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.140%
26) 1,2-Dichloroethane-d4	5.703	65	136491	49.689	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.380%
32) Benzene-d6	5.729	84	418359	46.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.960%
36) 1,2-Dichloropropane-d6	6.693	67	137549	50.293	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.580%
41) Toluene-d8	7.899	98	370506	42.702	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.179	79	55161	39.811	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.620%
47) 2-Hexanone-d5	8.632	63	134664	84.110	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.110%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	209447	44.623	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.240%
66) 1,2-Dichlorobenzene-d4	12.195	152	162147	50.018	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.040%
Target Compounds						
					Qvalue	
33) Benzene	5.777	78	1393897	136.068	ug/L	100
51) Chlorobenzene	9.446	112	1259439	165.020	ug/L	97
64) 1,3-Dichlorobenzene	11.748	146	9550	1.745	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	268536	47.364	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	139702	25.508	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	7459	1.916	ug/L #	94

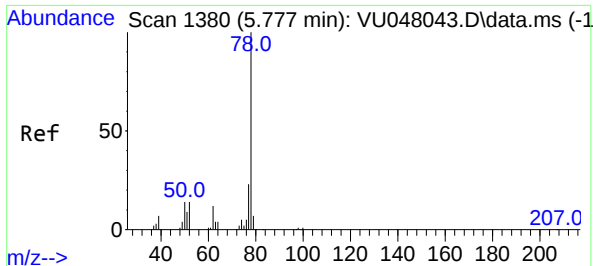
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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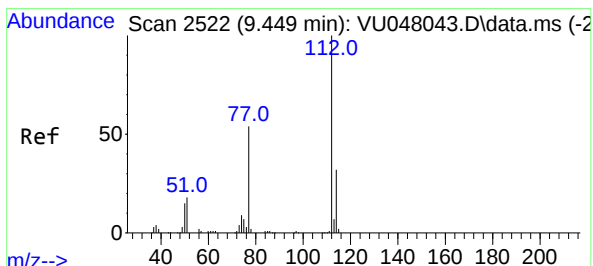
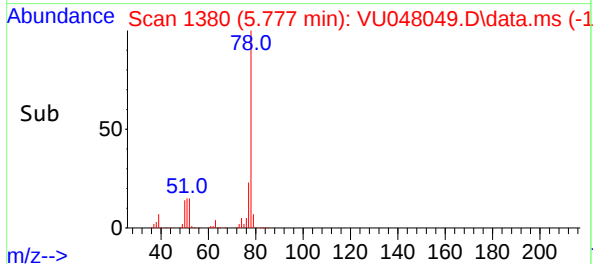
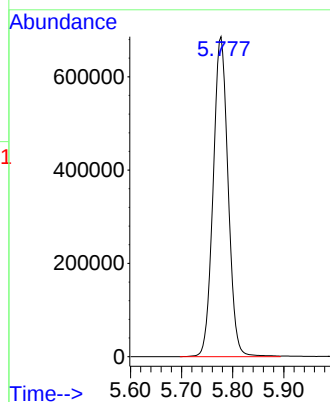
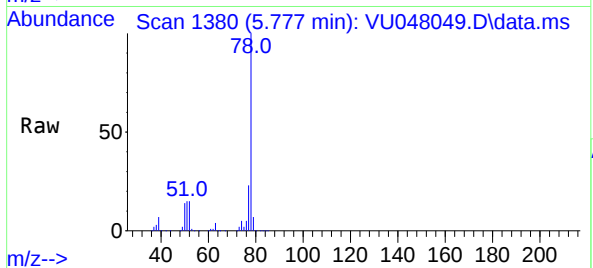




#33
Benzene
Concen: 136.068 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU048049.D
Acq: 14 Apr 2022 11:48

Instrument :
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ClientSampleId :
C0J94DL

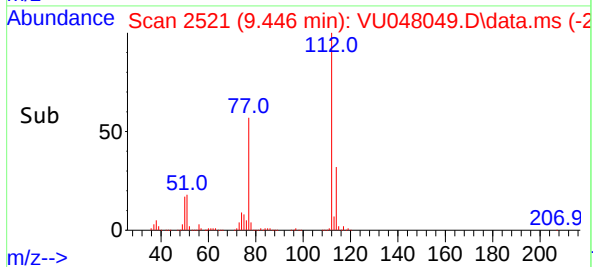
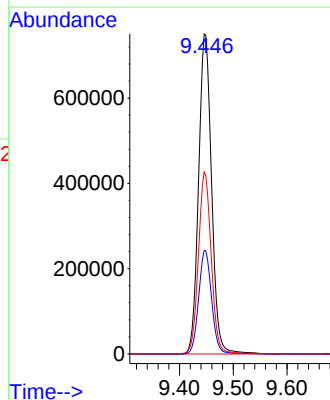
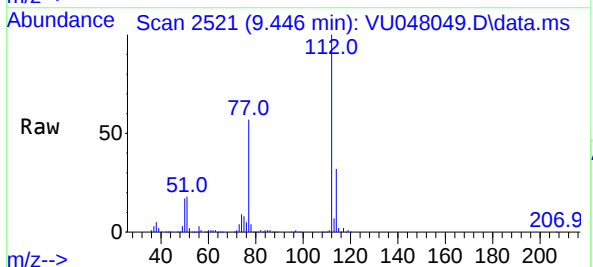
Tgt Ion: 78 Resp: 1393897

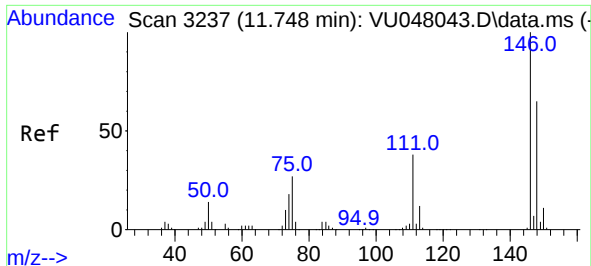


#51
Chlorobenzene
Concen: 165.020 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048049.D
Acq: 14 Apr 2022 11:48

Tgt Ion:112 Resp: 1259439

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.1	41.1
77	56.9	43.4	65.0



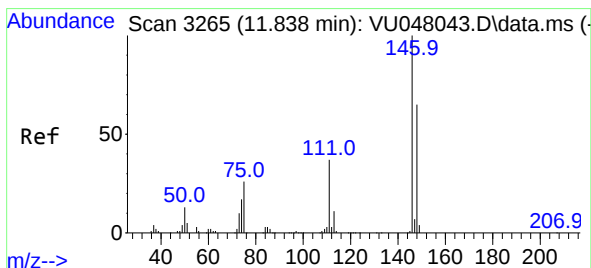
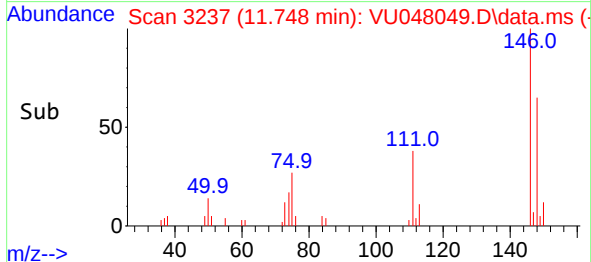
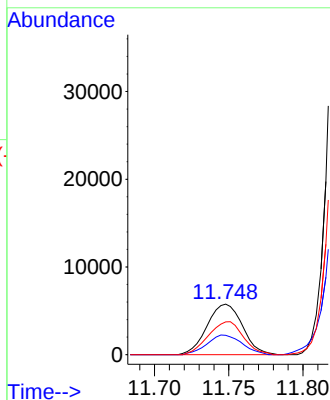
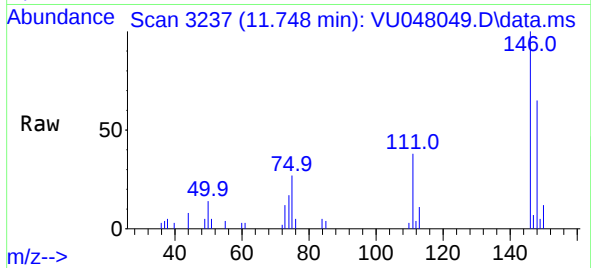


#64
1,3-Dichlorobenzene
Concen: 1.745 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU048049.D
Acq: 14 Apr 2022 11:48

Instrument :
MSVOA_U
ClientSampleId :
C0J94DL

Tgt Ion:146 Resp: 9550

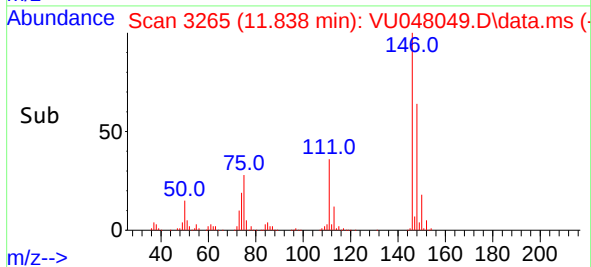
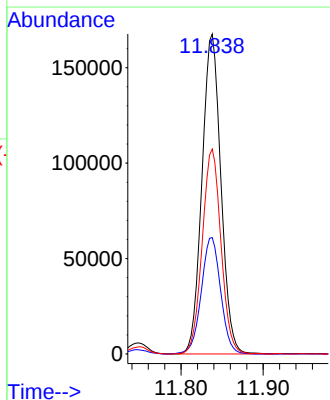
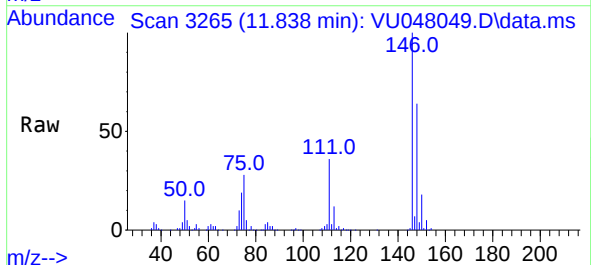
Ion	Ratio	Lower	Upper
146	100		
111	38.5	26.7	49.7
148	64.8	44.4	82.5

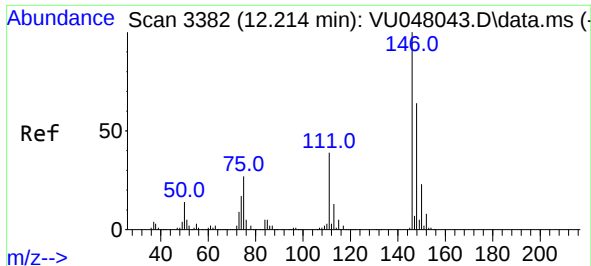


#65
1,4-Dichlorobenzene
Concen: 47.364 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU048049.D
Acq: 14 Apr 2022 11:48

Tgt Ion:146 Resp: 268536

Ion	Ratio	Lower	Upper
146	100		
111	36.3	25.3	47.1
148	64.1	44.5	82.7





#67

1,2-Dichlorobenzene

Concen: 25.508 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU048049.D

Acq: 14 Apr 2022 11:48

Instrument :

MSVOA_U

ClientSampleId :

C0J94DL

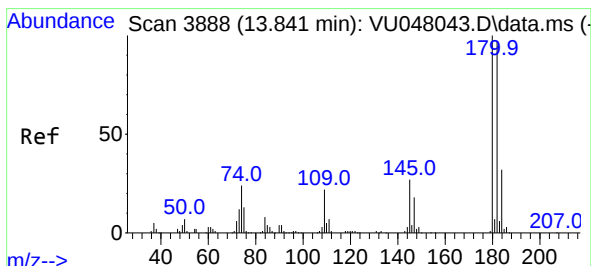
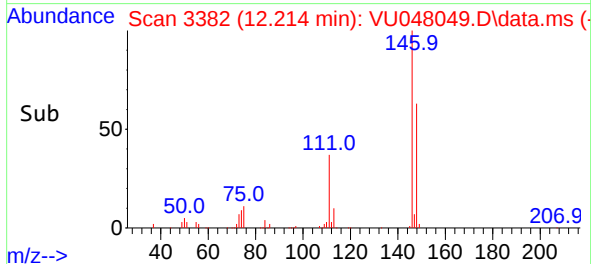
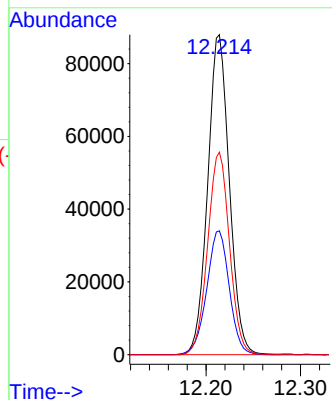
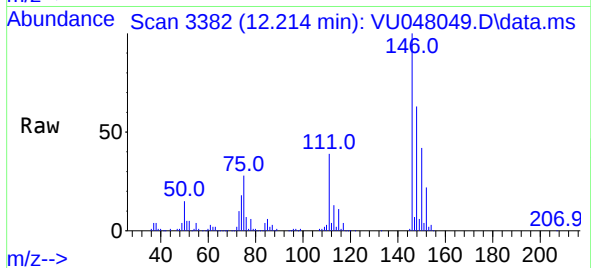
Tgt Ion:146 Resp: 139702

Ion Ratio Lower Upper

146 100

111 38.7 31.7 47.5

148 63.3 51.4 77.2



#70

1,2,4-trichlorobenzene

Concen: 1.916 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU048049.D

Acq: 14 Apr 2022 11:48

Tgt Ion:180 Resp: 7459

Ion Ratio Lower Upper

180 100

182 94.0 76.2 114.2

145 14.4 21.8 32.8#

