

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020323\
 Data File : VW025271.D
 Acq On : 03 Feb 2023 12:06
 Operator : SY/MD
 Sample : 01394-01
 Misc : 3.38g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C1149

Quant Time: Feb 03 13:22:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 03 11:28:47 2023
 Response via : Initial Calibration

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

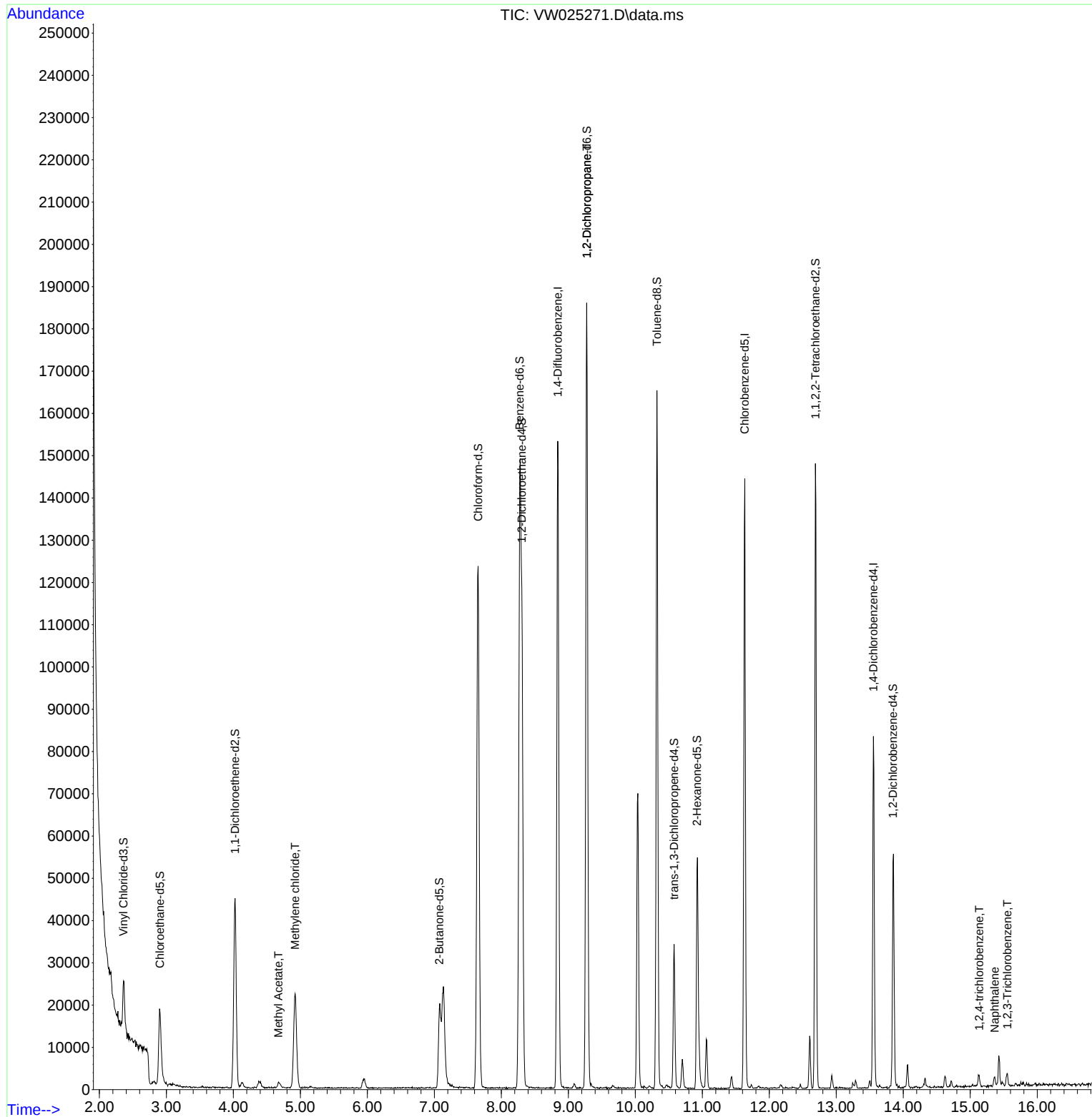
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	130749	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	77768	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	21144	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	13011	10.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.120%
7) Chloroethane-d5	2.904	69	25667	22.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	4.025	63	43837	12.495	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.000%
21) 2-Butanone-d5	7.074	46	33228	101.165	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	202.320%#
24) Chloroform-d	7.653	84	131301	38.314	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	153.240%#
26) 1,2-Dichloroethane-d4	8.305	65	80174	48.028	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	192.120%#
32) Benzene-d6	8.275	84	150030	31.830	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	127.320%
36) 1,2-Dichloropropane-d6	9.274	67	87649	63.555	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	254.240%#
41) Toluene-d8	10.323	98	106770	25.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.360%
43) trans-1,3-Dichloroprop...	10.579	79	19716	38.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	153.040%#
47) 2-Hexanone-d5	10.920	63	19287	124.734	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	249.460%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	73160	78.009	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	312.040%#
66) 1,2-Dichlorobenzene-d4	13.847	152	13781	18.786	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.160%
Target Compounds						Qvalue
15) Methyl Acetate	4.672	43	1273	2.054	ug/L #	89
16) Methylene chloride	4.922	84	17651	7.930	ug/L	87
37) 1,2-Dichloropropane	9.274	63	9935	7.485	ug/L #	85
70) 1,2,4-trichlorobenzene	15.133	180	1033	1.315	ug/L	89
71) Naphthalene	15.365	128	2200	1.532	ug/L #	90
72) 1,2,3-Trichlorobenzene	15.554	180	1087	1.611	ug/L	96

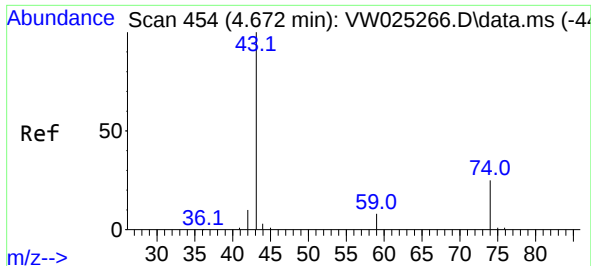
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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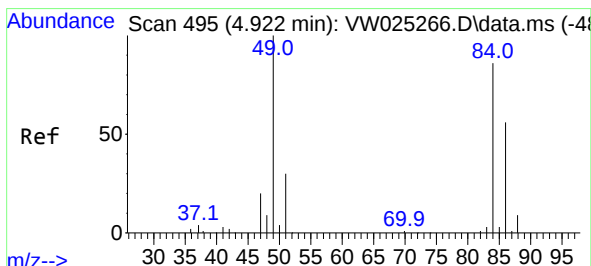
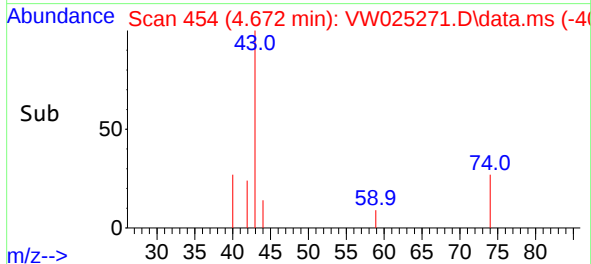
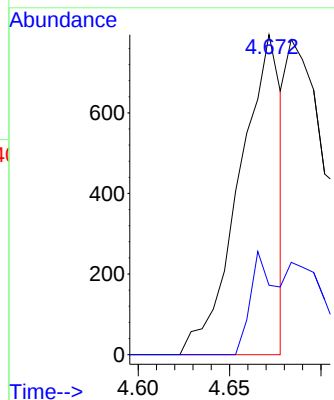
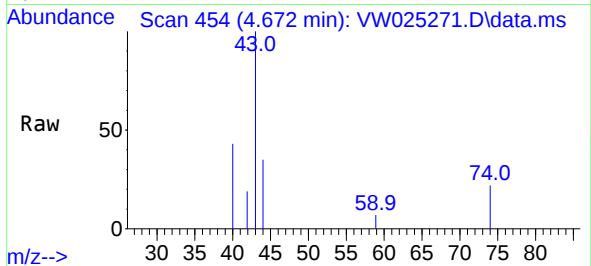




#15
Methyl Acetate
Concen: 2.054 ug/L
RT: 4.672 min Scan# 414
Delta R.T. 0.000 min
Lab File: VW025271.D
Acq: 03 Feb 2023 12:06

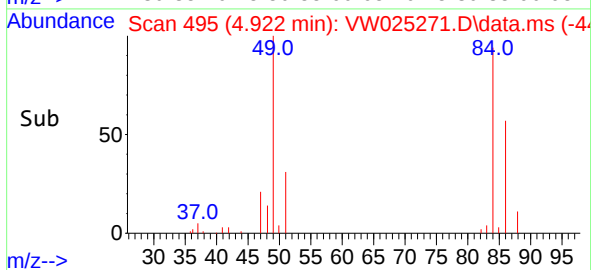
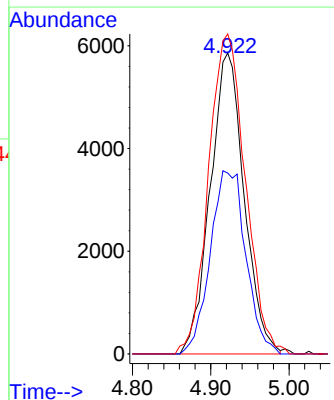
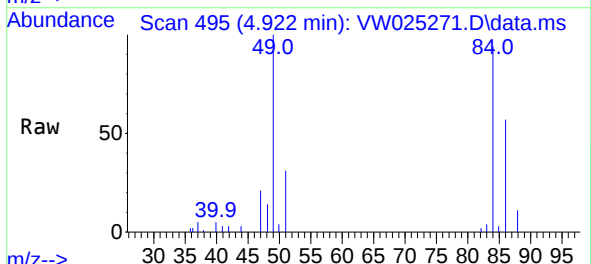
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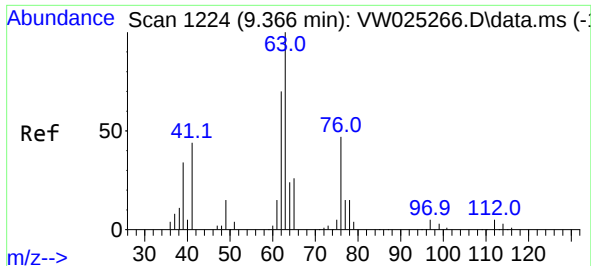
Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
74 19.6 20.2 30.2#



#16
Methylene chloride
Concen: 7.930 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW025271.D
Acq: 03 Feb 2023 12:06

Tgt Ion: 84 Resp: 17651
Ion Ratio Lower Upper
84 100
86 60.1 47.2 87.6
49 106.3 86.5 160.7

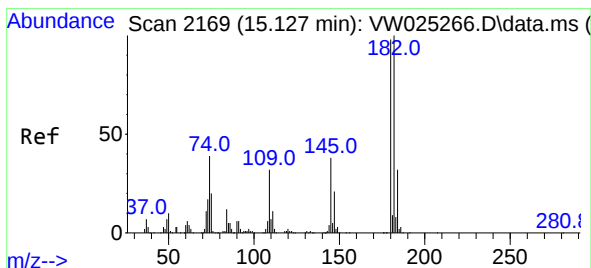
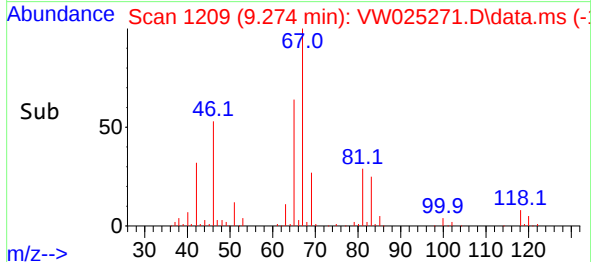
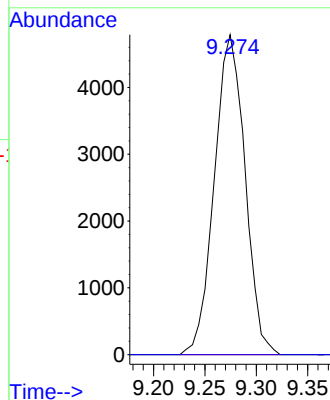
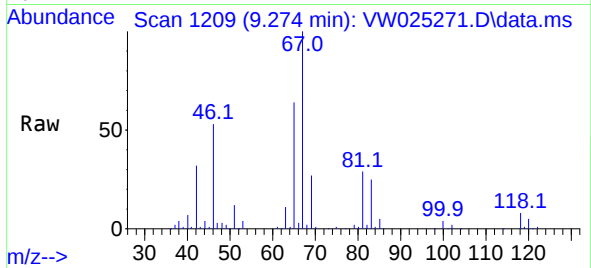




#37
1,2-Dichloropropane
Concen: 7.485 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.091 min
Lab File: VW025271.D
Acq: 03 Feb 2023 12:06

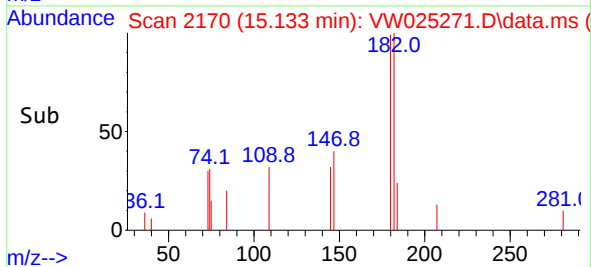
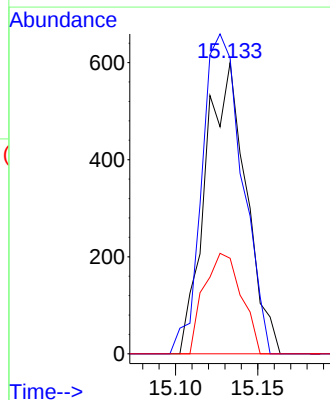
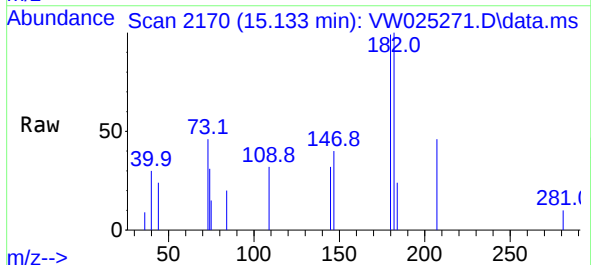
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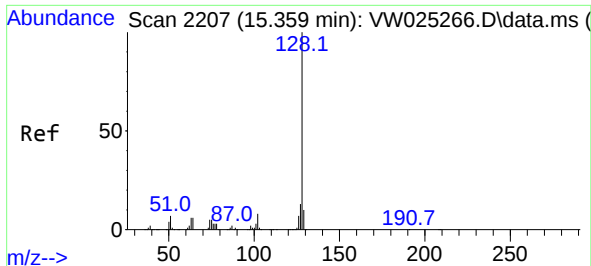
Tgt Ion: 63 Resp: 9935
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#70
1,2,4-trichlorobenzene
Concen: 1.315 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW025271.D
Acq: 03 Feb 2023 12:06

Tgt Ion: 180 Resp: 1033
Ion Ratio Lower Upper
180 100
182 109.1 76.4 114.6
145 31.7 27.4 41.2

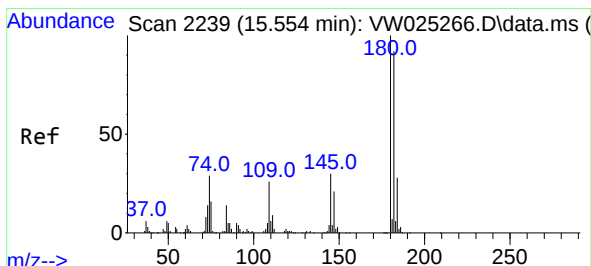
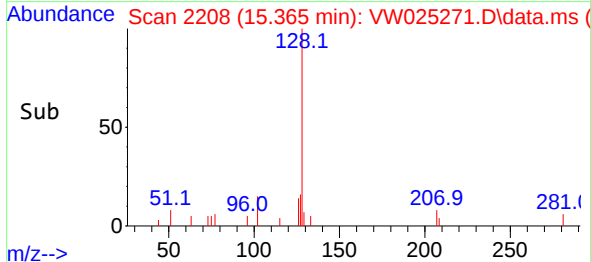
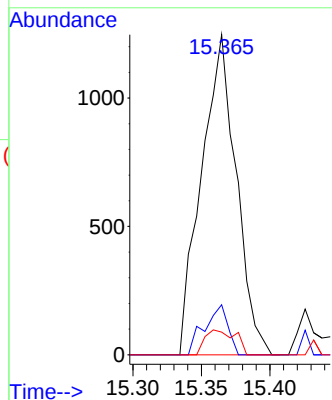
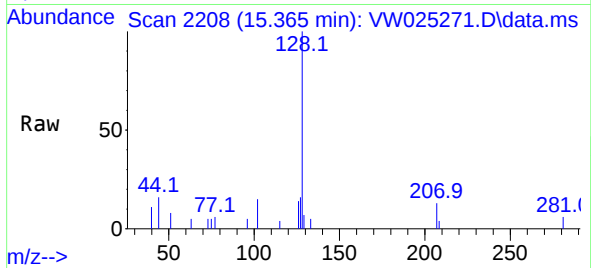




#71
Naphthalene
Concen: 1.532 ug/L
RT: 15.365 min Scan# 2207
Delta R.T. 0.006 min
Lab File: VW025271.D
Acq: 03 Feb 2023 12:06

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Tgt Ion:128 Resp: 2200
Ion Ratio Lower Upper
128 100
127 10.5 10.4 15.6
129 5.4 8.7 13.1#



#72
1,2,3-Trichlorobenzene
Concen: 1.611 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW025271.D
Acq: 03 Feb 2023 12:06

Tgt Ion:180 Resp: 1087
Ion Ratio Lower Upper
180 100
182 88.4 75.1 112.7
145 35.7 28.8 43.2

