

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
 Data File : VU053269.D
 Acq On : 17 Mar 2023 16:01
 Operator : JC/MD
 Sample : 01929-11DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE4DL

Quant Time: Mar 18 01:52:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 18 01:49:30 2023
 Response via : Initial Calibration

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

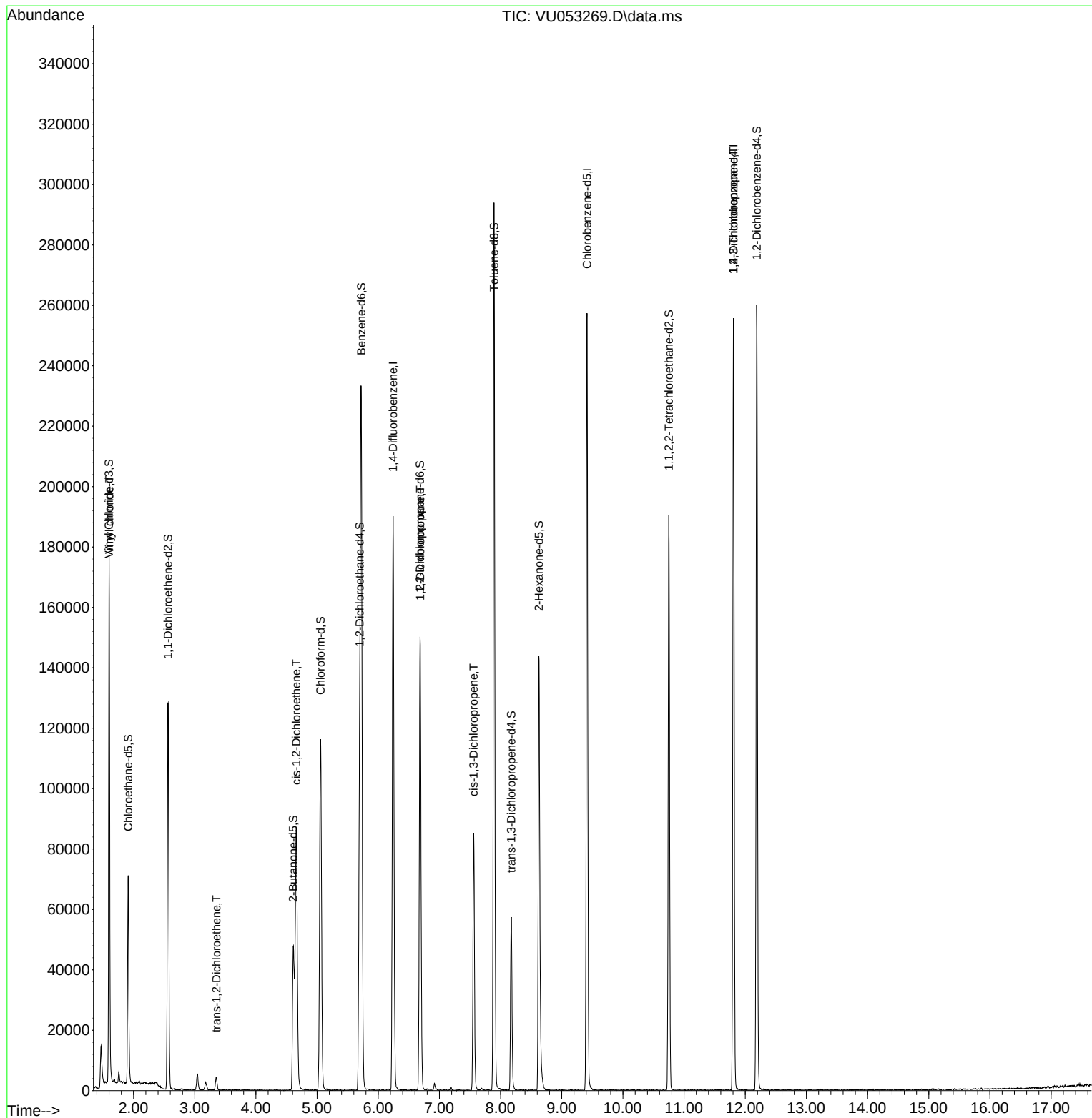
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	145954	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	133656	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	60947	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	59517	44.201	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.400%
7) Chloroethane-d5	1.912	69	49839	45.759	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.520%
11) 1,1-Dichloroethene-d2	2.562	63	76745	32.901	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.800%
21) 2-Butanone-d5	4.610	46	70153	112.332	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.330%
24) Chloroform-d	5.057	84	102394	46.170	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.340%
26) 1,2-Dichloroethane-d4	5.697	65	70791	51.397	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.800%
32) Benzene-d6	5.722	84	216165	49.863	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
36) 1,2-Dichloropropane-d6	6.684	67	74255	53.071	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.140%
41) Toluene-d8	7.893	98	192291	47.642	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.280%
43) trans-1,3-Dichloroprop...	8.176	79	32761	47.457	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.920%
47) 2-Hexanone-d5	8.626	63	52167	119.258	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.260%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	92506	51.038	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.080%
66) 1,2-Dichlorobenzene-d4	12.188	152	60070	50.902	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	63718	41.493	ug/L	95
17) trans-1,2-Dichloroethene	3.353	96	1909	1.755	ug/L	96
20) cis-1,2-Dichloroethene	4.661	96	41064	32.147	ug/L	89
37) 1,2-Dichloropropane	6.687	63	7628	5.900	ug/L #	90
39) cis-1,3-Dichloropropene	7.558	75	2342	1.103	ug/L	83
60) 1,2,3-Trichloropropane	11.809	75	9815	8.104	ug/L #	67

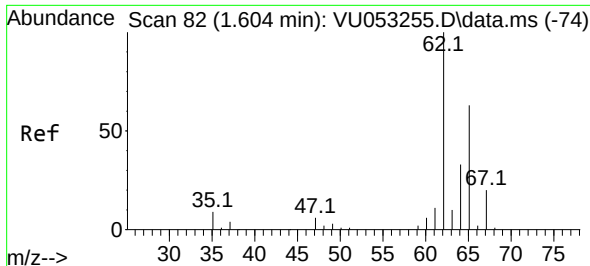
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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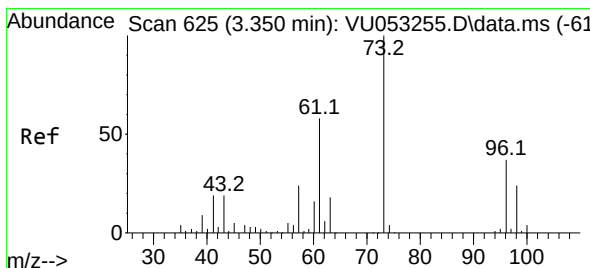
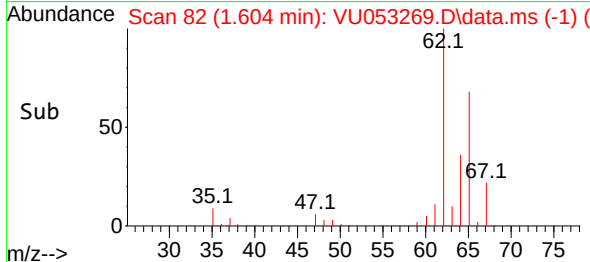
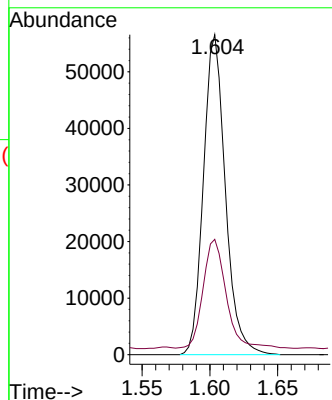
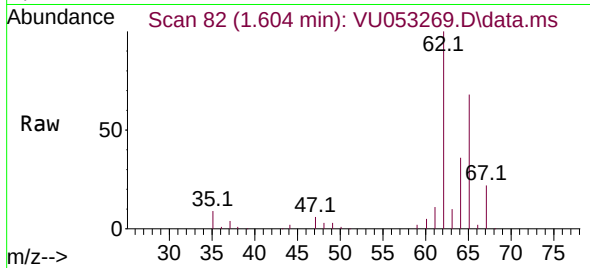




#5
 Vinyl chloride
 Concen: 41.493 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU053269.D
 Acq: 17 Mar 2023 16:01

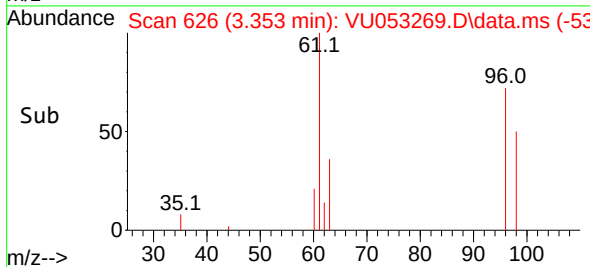
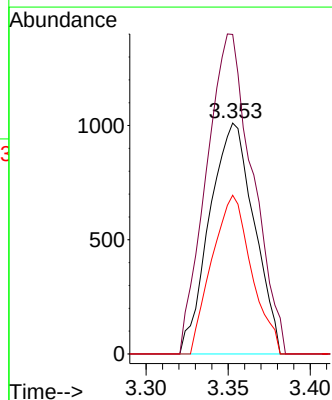
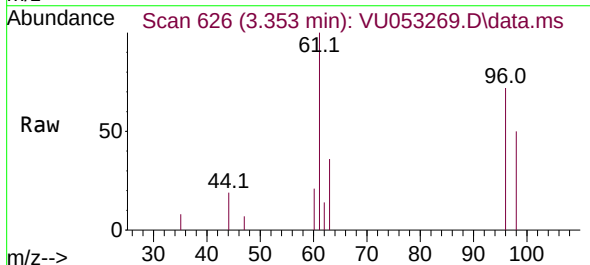
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE4DL

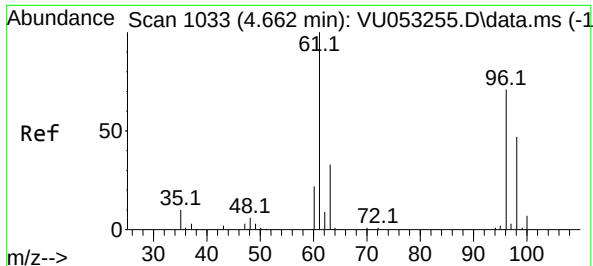
Tgt Ion: 62 Resp: 63718
 Ion Ratio Lower Upper
 62 100
 64 36.1 23.2 43.0



#17
 trans-1,2-Dichloroethene
 Concen: 1.755 ug/L
 RT: 3.353 min Scan# 626
 Delta R.T. 0.003 min
 Lab File: VU053269.D
 Acq: 17 Mar 2023 16:01

Tgt Ion: 96 Resp: 1909
 Ion Ratio Lower Upper
 96 100
 61 138.4 99.6 185.0
 98 68.7 45.5 84.5





#20

cis-1,2-Dichloroethene

Concen: 32.147 ug/L

RT: 4.661 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU053269.D

Acq: 17 Mar 2023 16:01

Instrument :

MSVOA_U

ClientSampleId :

EYFE4DL

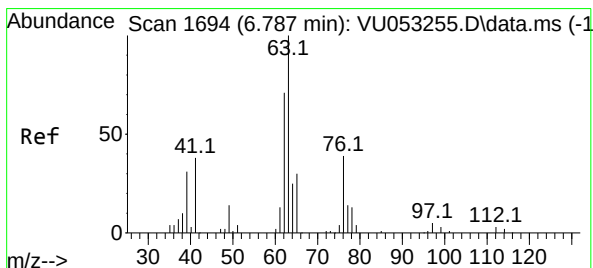
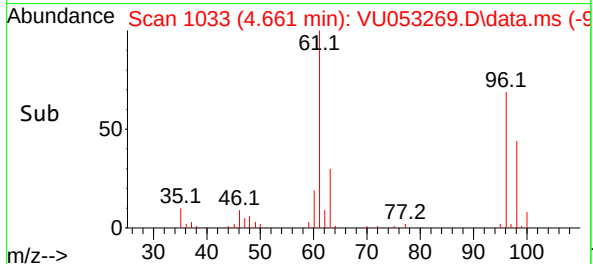
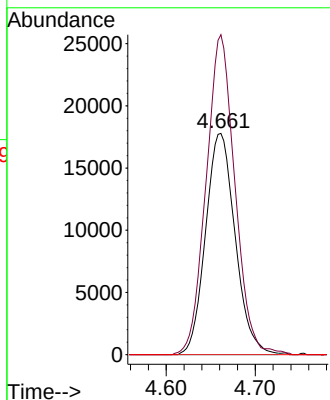
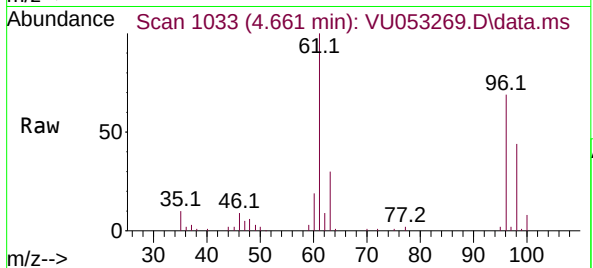
Tgt Ion: 96 Resp: 41064

Ion Ratio Lower Upper

96 100

61 144.6 92.5 171.7

68 0.0 0.0 0.0



#37

1,2-Dichloropropane

Concen: 5.900 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053269.D

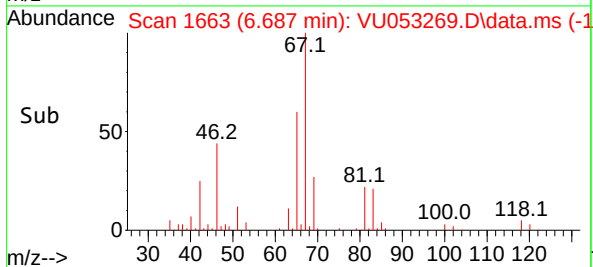
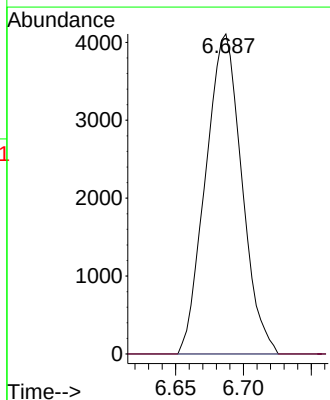
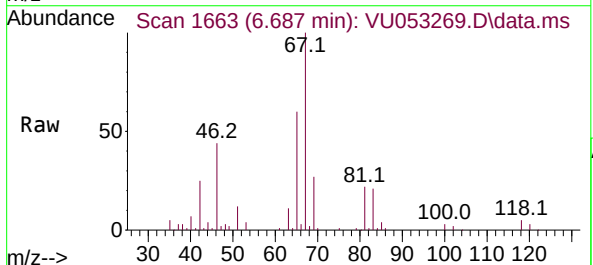
Acq: 17 Mar 2023 16:01

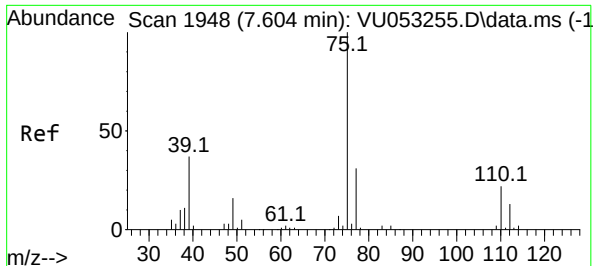
Tgt Ion: 63 Resp: 7628

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#39

cis-1,3-Dichloropropene

Concen: 1.103 ug/L

RT: 7.558 min Scan# 1948

Delta R.T. -0.045 min

Lab File: VU053269.D

Acq: 17 Mar 2023 16:01

Instrument :

MSVOA_U

ClientSampleId :

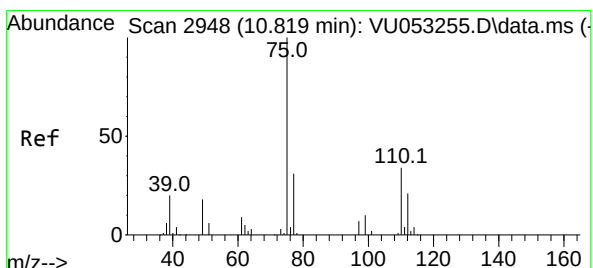
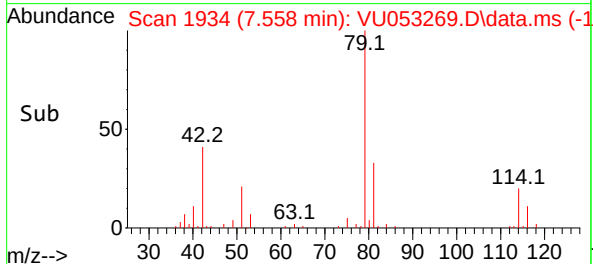
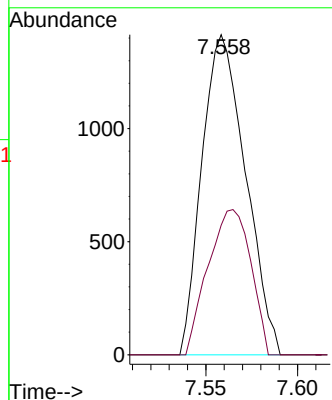
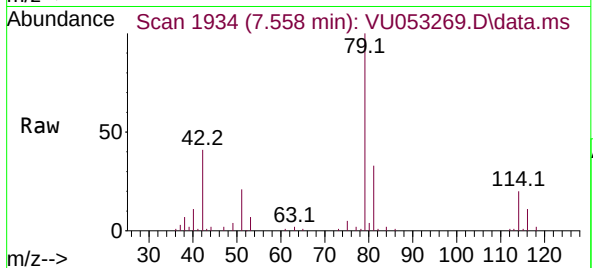
EYFE4DL

Tgt Ion: 75 Resp: 2342

Ion Ratio Lower Upper

75 100

77 40.5 21.9 40.7



#60

1,2,3-Trichloropropane

Concen: 8.104 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.990 min

Lab File: VU053269.D

Acq: 17 Mar 2023 16:01

Tgt Ion: 75 Resp: 9815

Ion Ratio Lower Upper

75 100

77 30.0 26.6 40.0

110 1.4 28.6 42.8#

