

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041524\
 Data File : VU058699.D
 Acq On : 15 Apr 2024 18:53
 Operator : MD/SY
 Sample : P2055-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 16 00:43:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 16 00:38:11 2024
 Response via : Initial Calibration

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

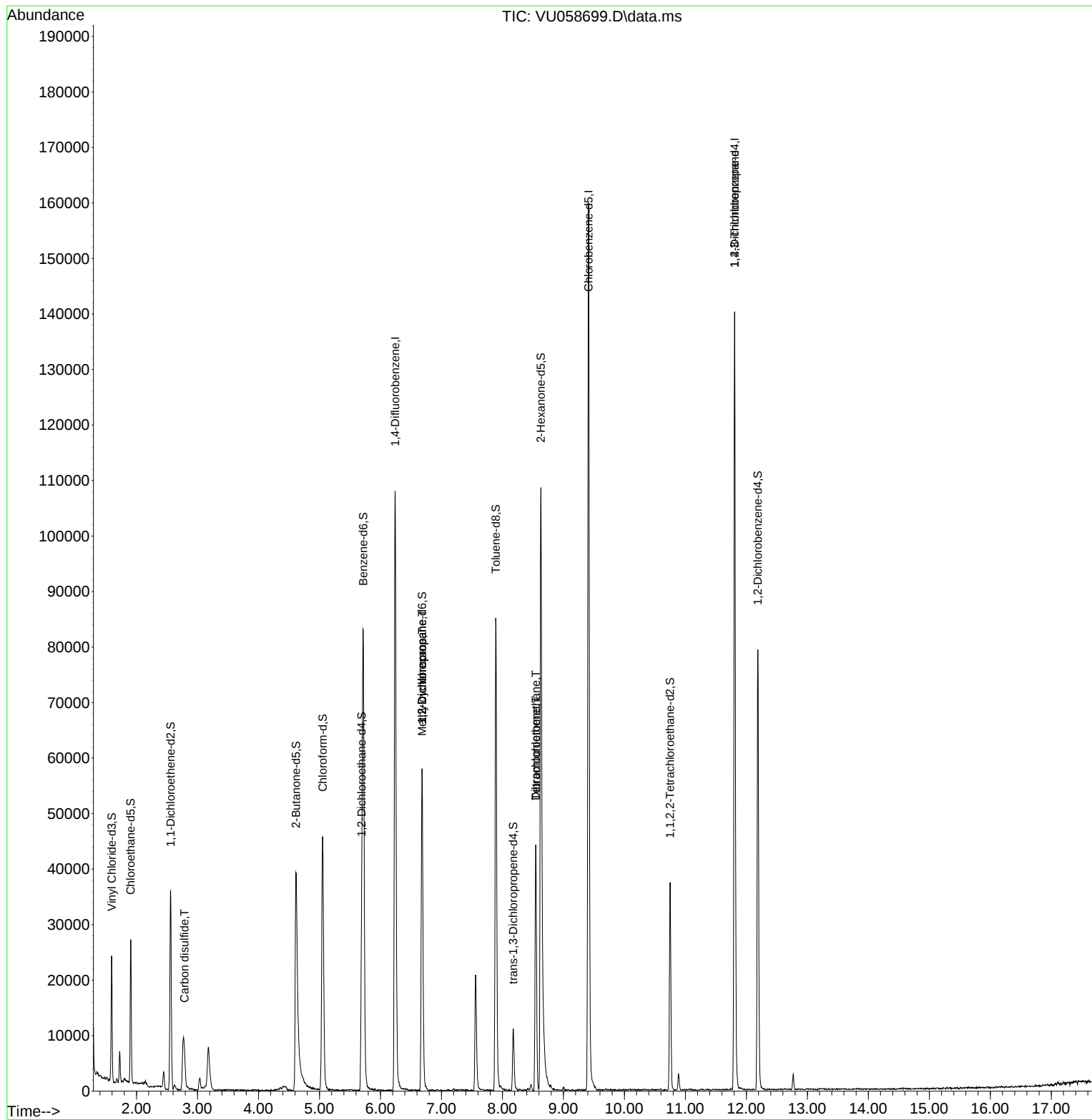
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	84723	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	84288	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35735	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	15205	2.711	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.200%
7) Chloroethane-d5	1.904	69	17674	3.626	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.560	65	7013	2.762	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.200%#
20) 2-Butanone-d5	4.615	46	56804	48.054	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.100%
24) Chloroform-d	5.052	84	42840	3.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.600%
26) 1,2-Dichloroethane-d4	5.692	65	23151	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.718	84	75097	3.309	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.200%#
36) 1,2-Dichloropropane-d6	6.682	67	27381	3.848	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.000%
41) Toluene-d8	7.891	98	55885	2.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.600%#
43) trans-1,3-Dichloroprop...	8.177	79	7143	3.234	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.600%
46) 2-Hexanone-d5	8.631	63	38521	42.278	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.560%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19163	3.814	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	20510	3.408	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	68.200%#
Target Compounds						Qvalue
14) Carbon disulfide	2.785	76	4114	0.216	ug/L	95
35) Methylcyclohexane	6.685	83	5762	0.497	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3096	0.385	ug/L #	90
47) Tetrachloroethene	8.547	164	9310	1.649	ug/L	96
49) Dibromochloromethane	8.547	129	9161	1.688	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	4970	1.363	ug/L #	68

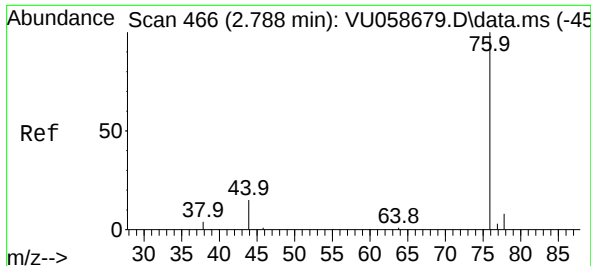
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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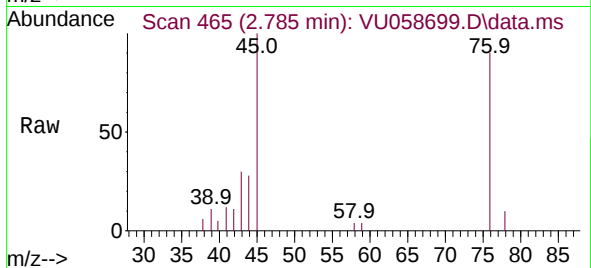
Quant Time: Apr 16 00:43:07 2024
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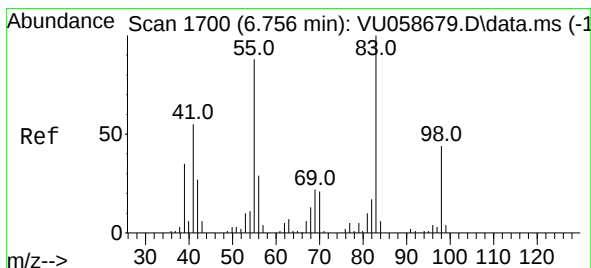
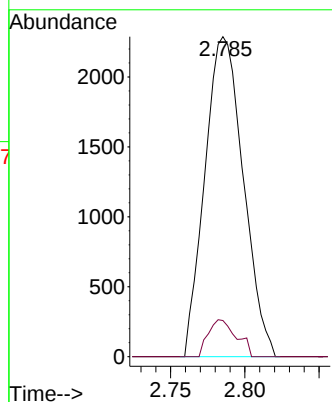
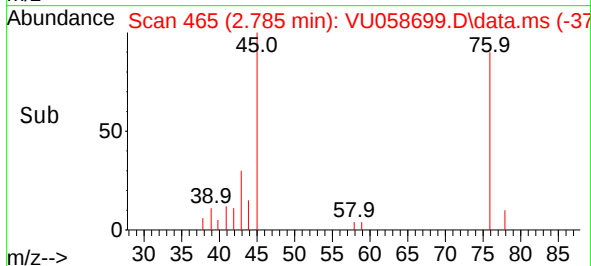


#14
Carbon disulfide
Concen: 0.216 ug/L
RT: 2.785 min Scan# 4114
Delta R.T. -0.003 min
Lab File: VU058699.D
Acq: 15 Apr 2024 18:53

Instrument :
MSVOA_U
ClientSampleId :

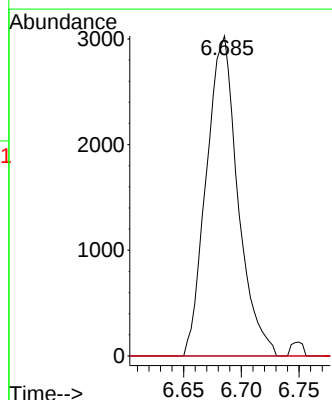
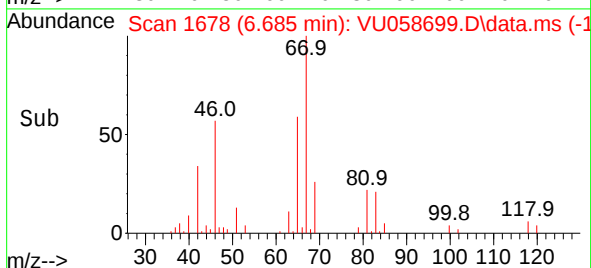
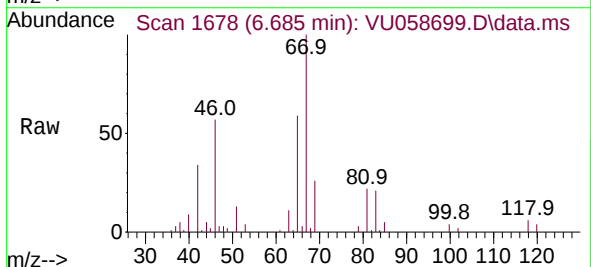


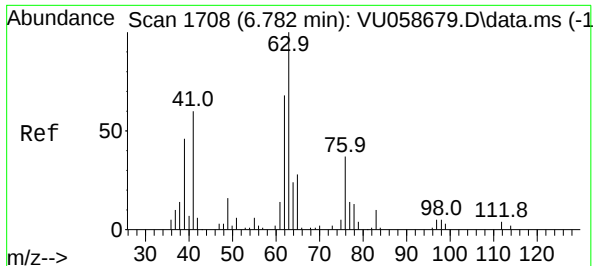
Tgt Ion: 76 Resp: 4114
Ion Ratio Lower Upper
76 100
78 11.3 7.5 11.3



#35
Methylcyclohexane
Concen: 0.497 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU058699.D
Acq: 15 Apr 2024 18:53

Tgt Ion: 83 Resp: 5762
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

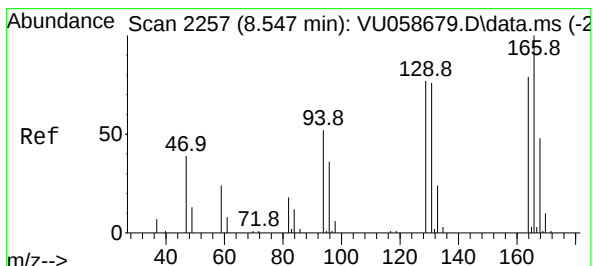
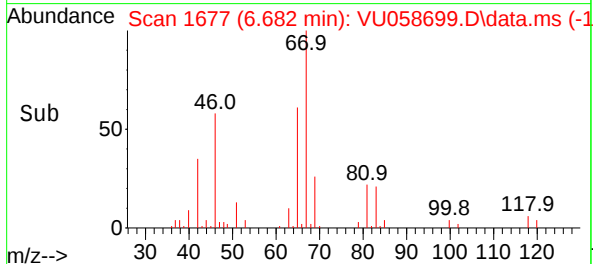
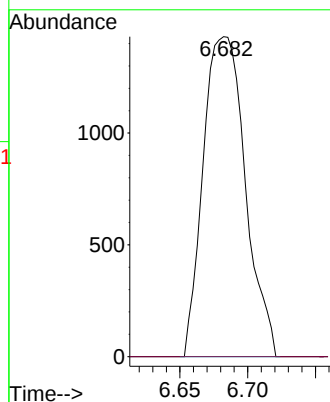
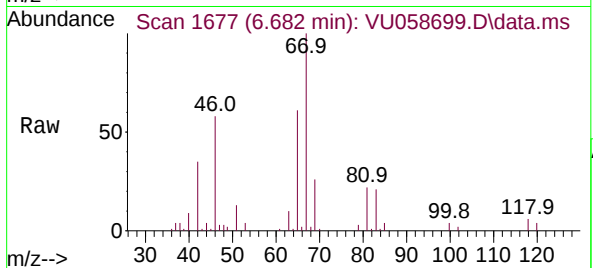




#37
1,2-Dichloropropane
Concen: 0.385 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058699.D
Acq: 15 Apr 2024 18:53

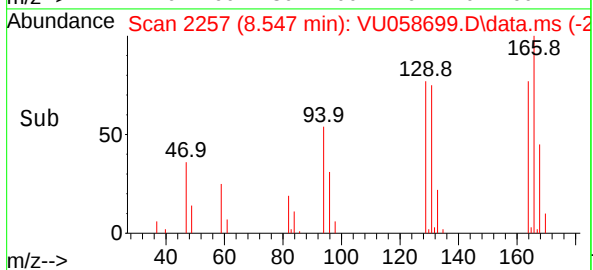
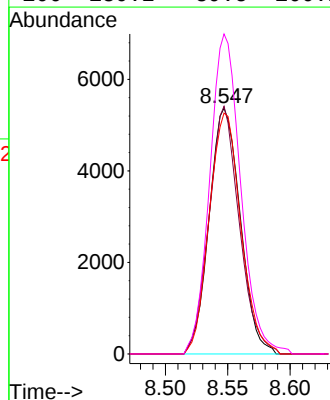
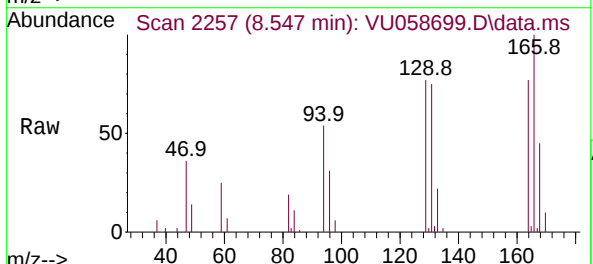
Instrument :
MSVOA_U
ClientSampleId :

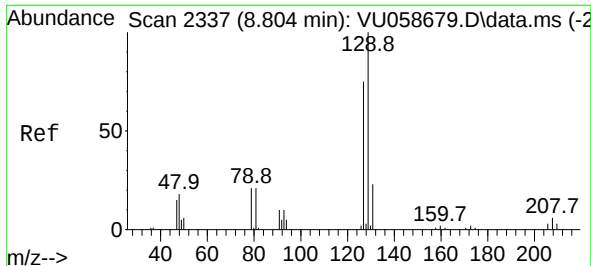
Tgt Ion: 63 Resp: 3096
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#47
Tetrachloroethene
Concen: 1.649 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU058699.D
Acq: 15 Apr 2024 18:53

Tgt Ion:164 Resp: 9310
Ion Ratio Lower Upper
164 100
129 100.8 67.3 125.1
131 98.1 65.5 121.6
166 130.2 89.5 166.1





#49

Dibromochloromethane

Concen: 1.688 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU058699.D

Acq: 15 Apr 2024 18:53

Instrument :

MSVOA_U

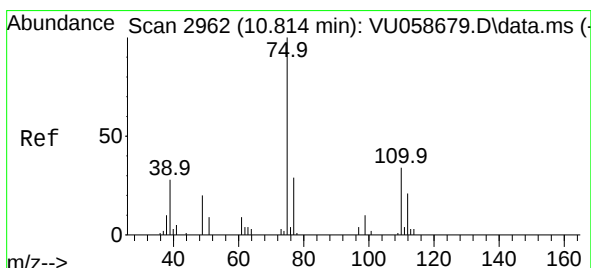
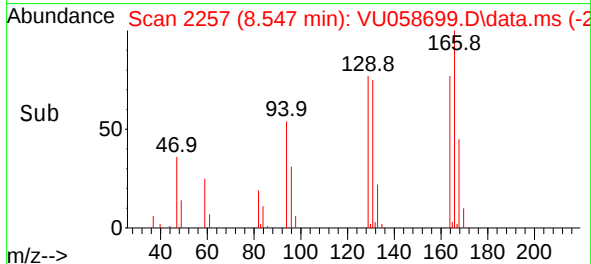
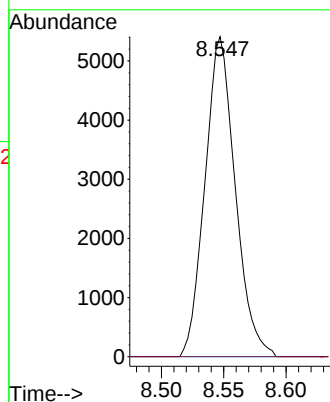
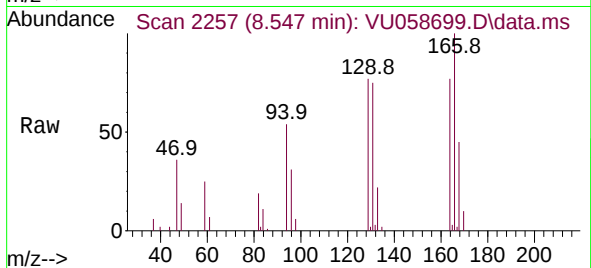
ClientSampleId :

Tgt Ion:129 Resp: 9161

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#61

1,2,3-Trichloropropane

Concen: 1.363 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.994 min

Lab File: VU058699.D

Acq: 15 Apr 2024 18:53

Tgt Ion: 75 Resp: 4970

Ion Ratio Lower Upper

75 100

110 0.0 25.8 38.6#

77 34.1 25.1 37.7

