

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012324\
 Data File : VU057585.D
 Acq On : 23 Jan 2024 22:22
 Operator : MD/SY
 Sample : P1228-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 24 01:10:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 24 00:56:55 2024
 Response via : Initial Calibration

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

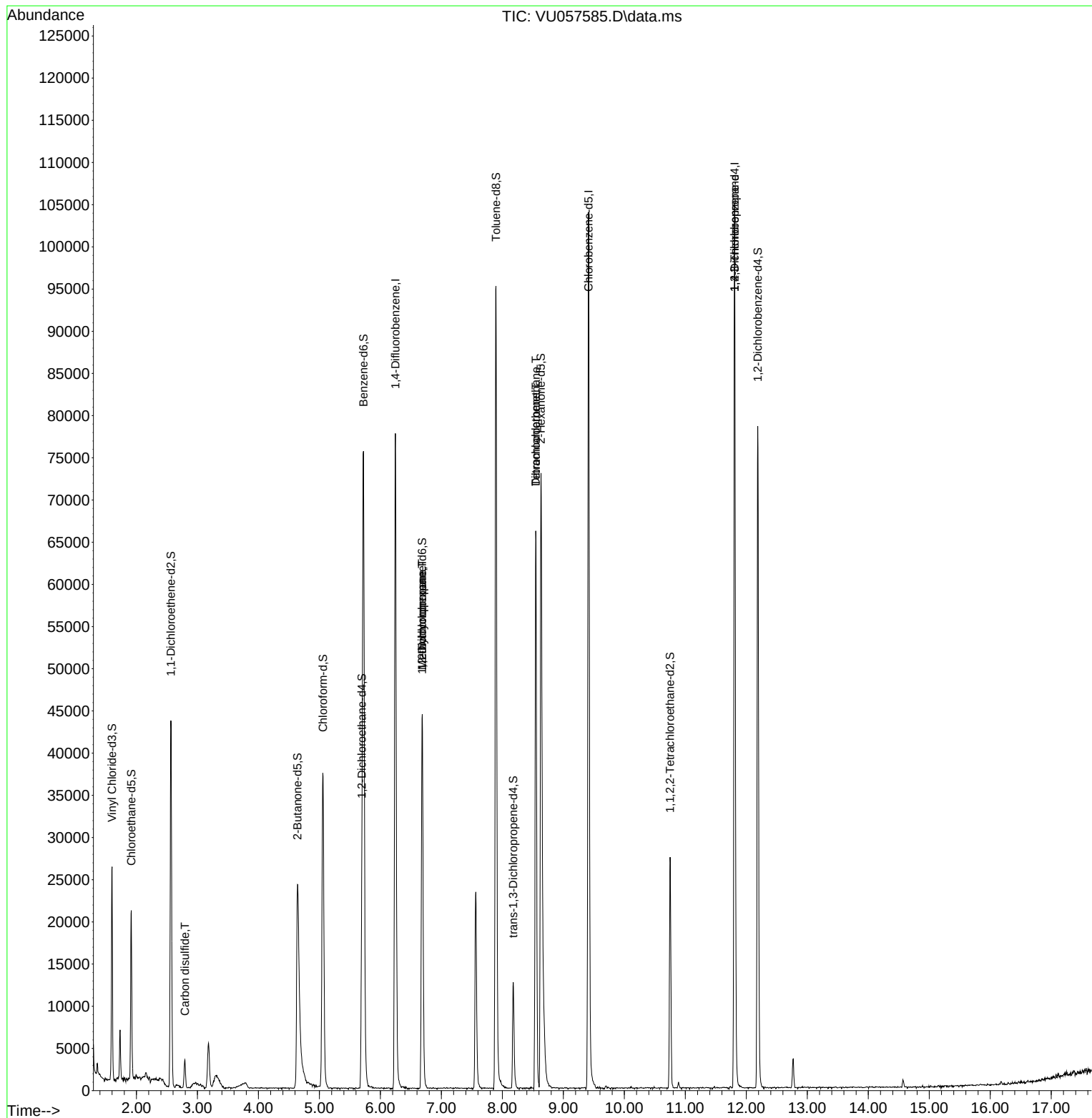
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	65703	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	59780	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27927	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	17450	4.820	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.400%	
7) Chloroethane-d5	1.914	69	14377	4.740	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.563	65	8430	4.952	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.000%	
20) 2-Butanone-d5	4.641	46	35731	52.321	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.640%	
24) Chloroform-d	5.059	84	35296	4.803	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4	5.695	65	17395	5.210	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	5.721	84	71763	5.118	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
36) 1,2-Dichloropropane-d6	6.685	67	21804	5.155	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.200%	
41) Toluene-d8	7.894	98	67847	5.097	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
43) trans-1,3-Dichloroprop...	8.177	79	8246	4.892	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	97.800%	
46) 2-Hexanone-d5	8.631	63	26231	48.773	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.540%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	13695	4.831	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	20977	5.352	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.000%	
Target Compounds						Qvalue
14) Carbon disulfide	2.795	76	4438	0.287	ug/L	100
35) Methylcyclohexane	6.685	83	5093	0.558	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	2321	0.452	ug/L #	89
47) Tetrachloroethene	8.547	164	14252	3.431	ug/L	97
49) Dibromochloromethane	8.547	129	14636	3.388	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3809	1.359	ug/L #	64

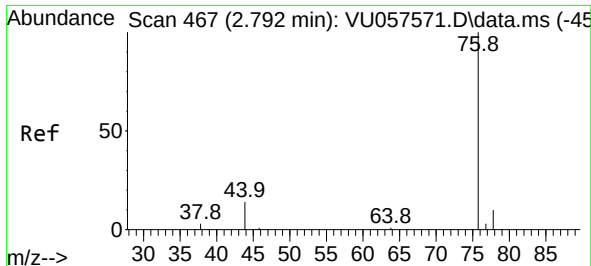
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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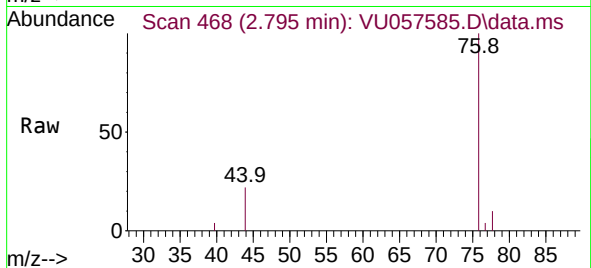
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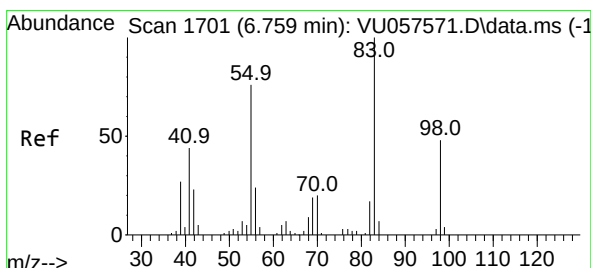
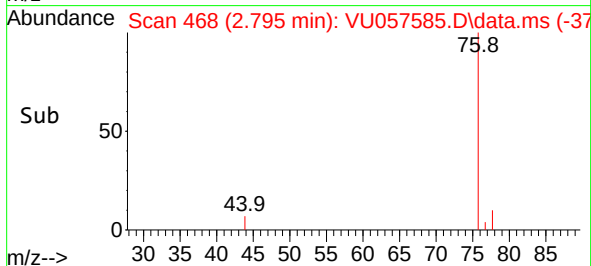
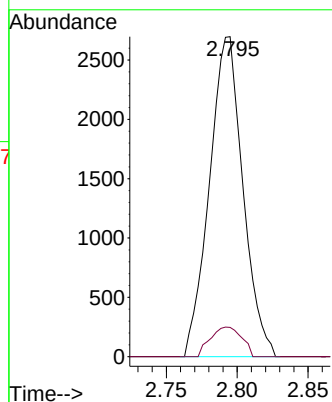


#14
Carbon disulfide
Concen: 0.287 ug/L
RT: 2.795 min Scan# 4
Delta R.T. 0.003 min
Lab File: VU057585.D
Acq: 23 Jan 2024 22:22

Instrument :
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ClientSampleId :

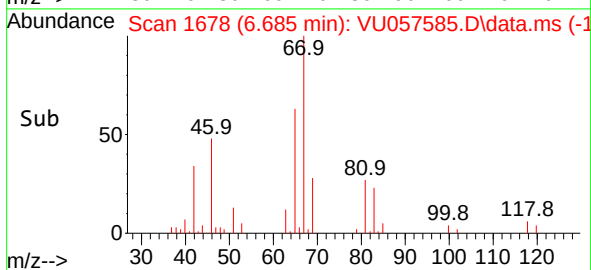
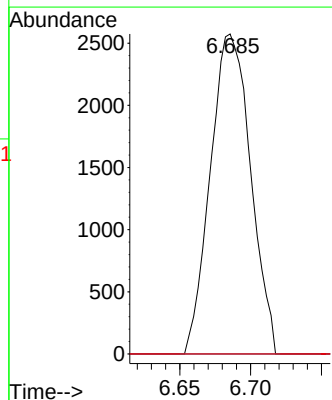
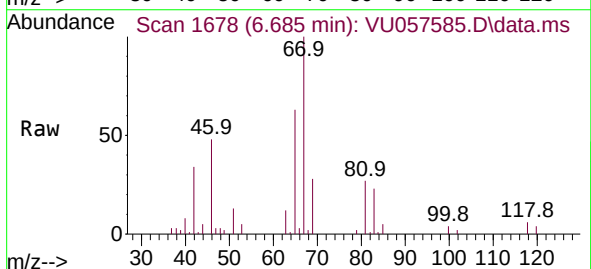


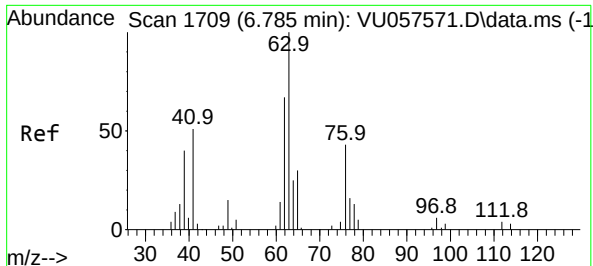
Tgt Ion: 76 Resp: 4438
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#35
Methylcyclohexane
Concen: 0.558 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057585.D
Acq: 23 Jan 2024 22:22

Tgt Ion: 83 Resp: 5093
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#

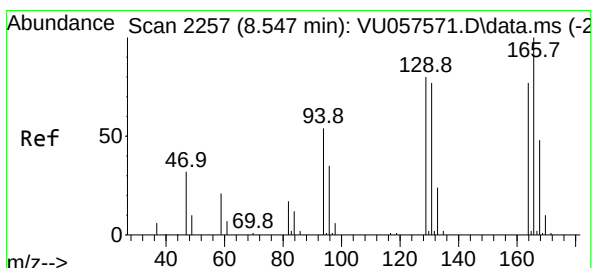
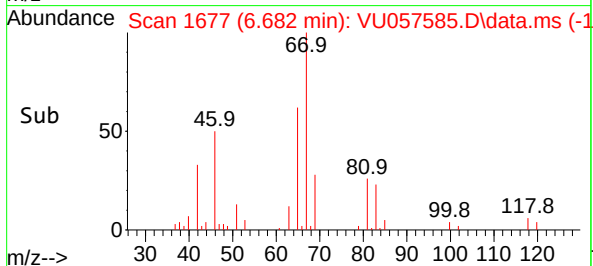
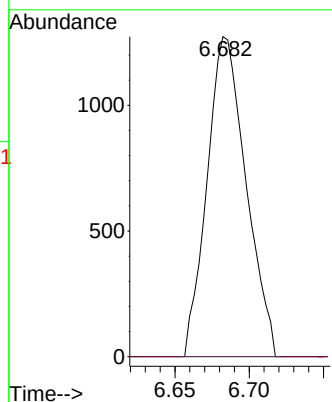
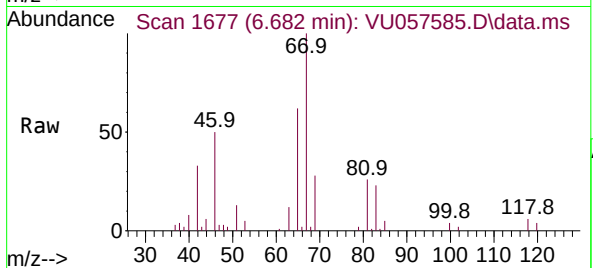




#37
1,2-Dichloropropane
Concen: 0.452 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU057585.D
Acq: 23 Jan 2024 22:22

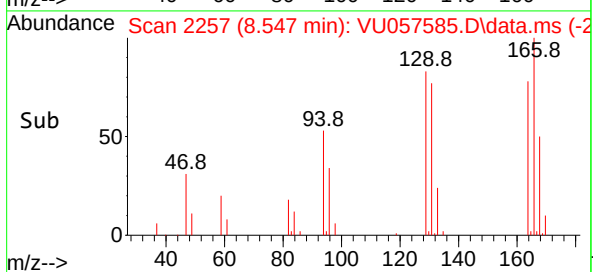
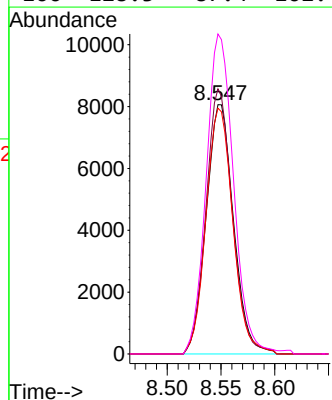
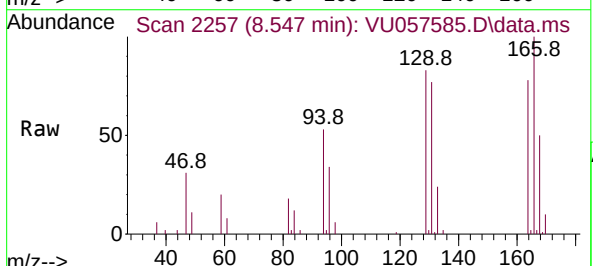
Instrument :
MSVOA_U
ClientSampleId :

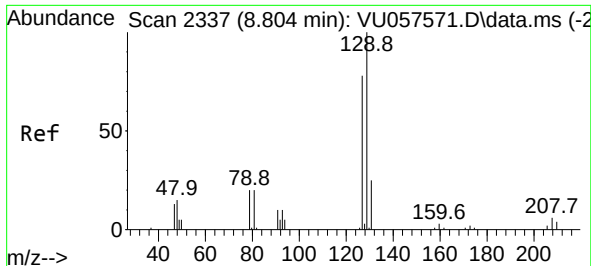
Tgt Ion: 63 Resp: 2321
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#47
Tetrachloroethene
Concen: 3.431 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057585.D
Acq: 23 Jan 2024 22:22

Tgt Ion:164 Resp: 14252
Ion Ratio Lower Upper
164 100
129 106.3 71.3 132.5
131 98.6 68.1 126.5
166 128.3 87.4 162.4





#49

Dibromochloromethane

Concen: 3.388 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057585.D

Acq: 23 Jan 2024 22:22

Instrument :

MSVOA_U

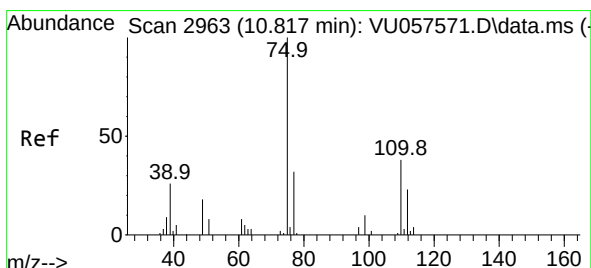
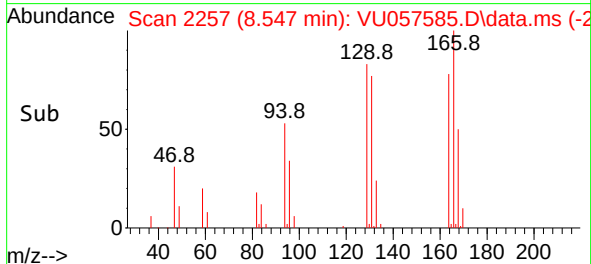
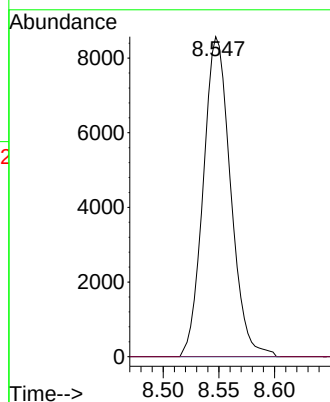
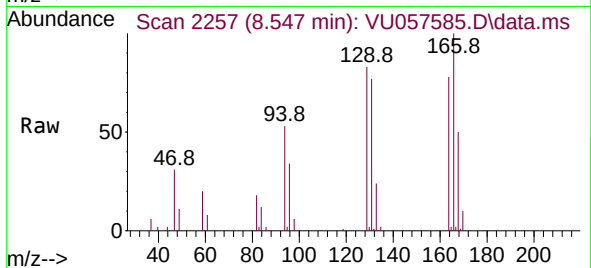
ClientSampleId :

Tgt Ion:129 Resp: 14636

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.359 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057585.D

Acq: 23 Jan 2024 22:22

Tgt Ion: 75 Resp: 3809

Ion Ratio Lower Upper

75 100

110 0.0 30.1 45.1#

77 30.0 25.5 38.3

