

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU057029.D
 Acq On : 19 Dec 2023 06:33
 Operator : MD/SY
 Sample : 05843-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 06:48:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 19 02:36:03 2023
 Response via : Initial Calibration

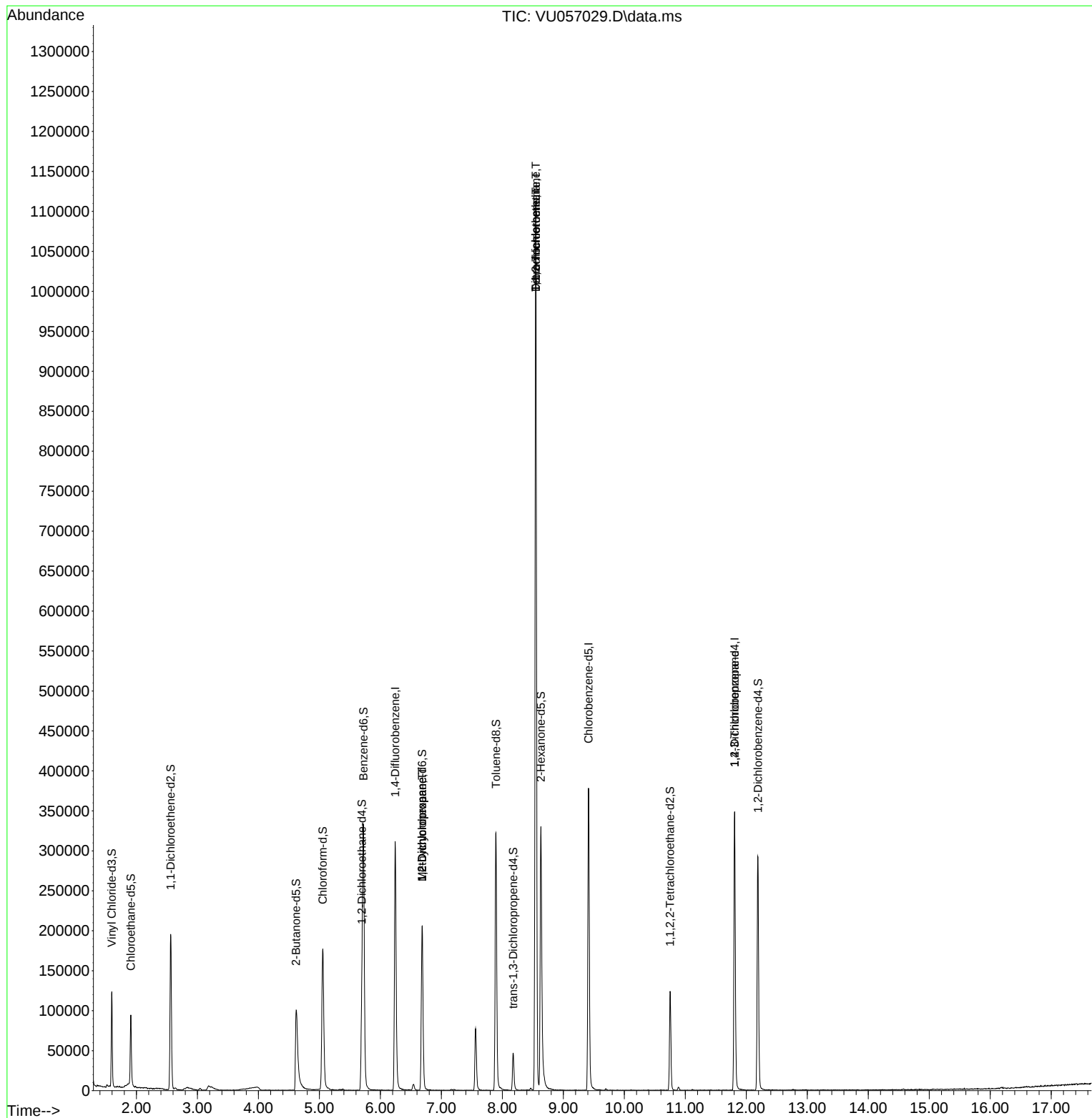
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	248229	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	215723	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	93165	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84925	3.991	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.800%	
7) Chloroethane-d5	1.908	69	65358	4.105	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	82.000%	
11) 1,1-Dichloroethene-d2	2.560	65	38354	4.213	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	84.200%	
20) 2-Butanone-d5	4.618	46	160826	38.274	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.540%	
24) Chloroform-d	5.055	84	171061	4.246	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.000%	
26) 1,2-Dichloroethane-d4	5.695	65	78294	4.106	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
32) Benzene-d6	5.721	84	326068	4.873	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
36) 1,2-Dichloropropane-d6	6.682	67	102687	4.903	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.000%	
41) Toluene-d8	7.894	98	223595	3.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.800%	
43) trans-1,3-Dichloroprop...	8.177	79	29622	3.647	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.000%	
46) 2-Hexanone-d5	8.631	63	111272	36.325	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.660%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	62274	4.110	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	78456	4.284	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.600%	
Target Compounds						
35) Methylcyclohexane	6.685	83	24453	0.797	ug/L #	17
37) 1,2-Dichloropropane	6.682	63	11659	0.601	ug/L #	88
45) 1,1,2-Trichloroethane	8.547	97	2026	0.155	ug/L #	1
47) Tetrachloroethene	8.547	164	236544	16.252	ug/L	99
49) Dibromochloromethane	8.547	129	242776	16.109	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	11342	1.134	ug/L #	70

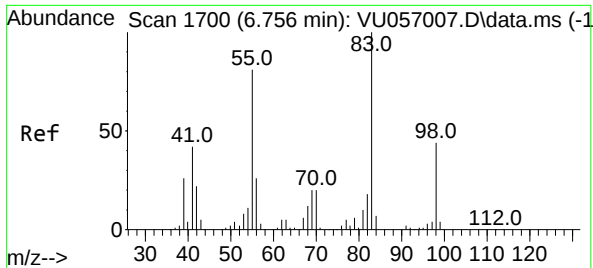
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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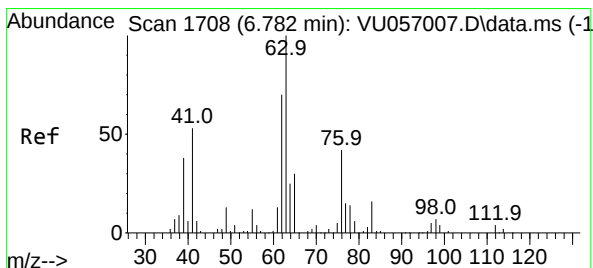
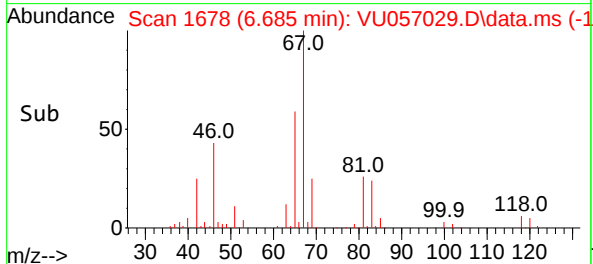
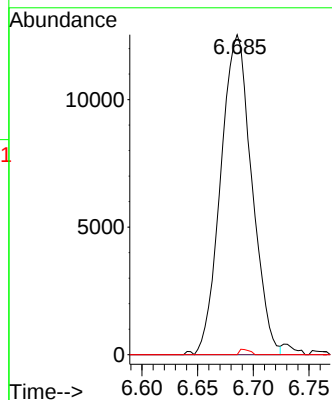
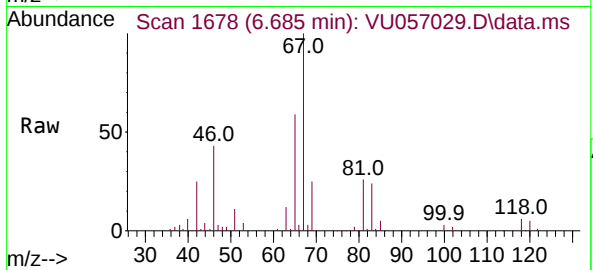




#35
Methylcyclohexane
Concen: 0.797 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057029.D
Acq: 19 Dec 2023 06:33

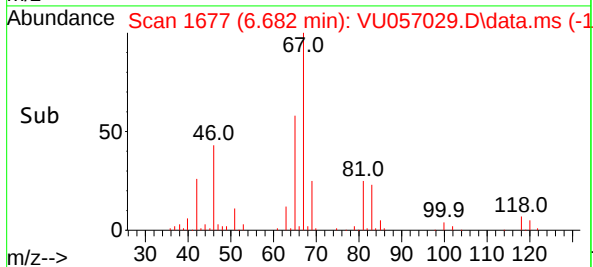
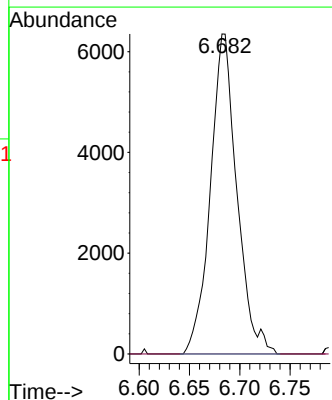
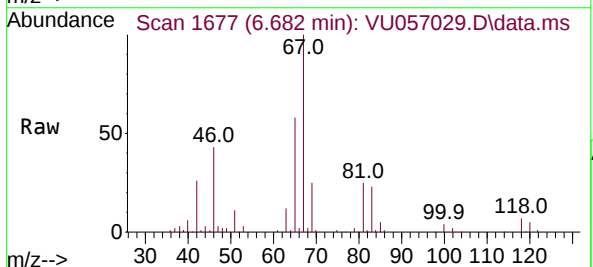
Instrument :
MSVOA_U
ClientSampleId :

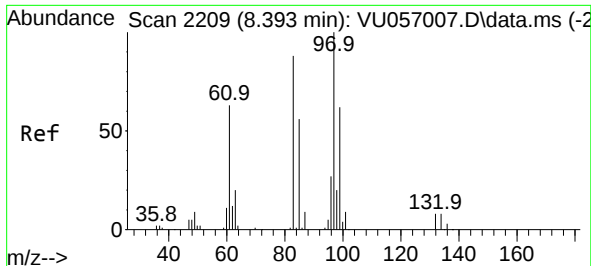
Tgt Ion: 83 Resp: 24453
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 0.6 36.1 54.1#



#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU057029.D
Acq: 19 Dec 2023 06:33

Tgt Ion: 63 Resp: 11659
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



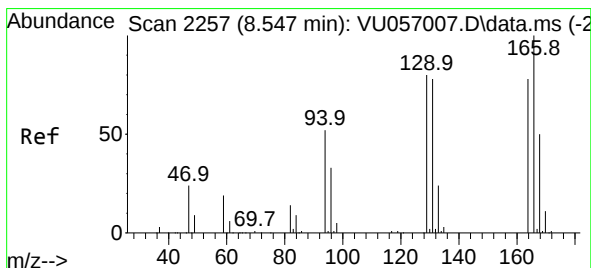
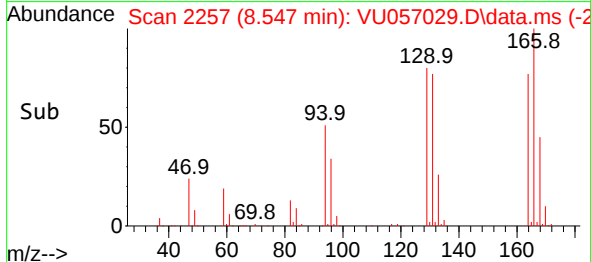
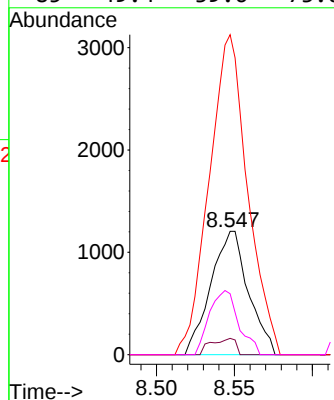
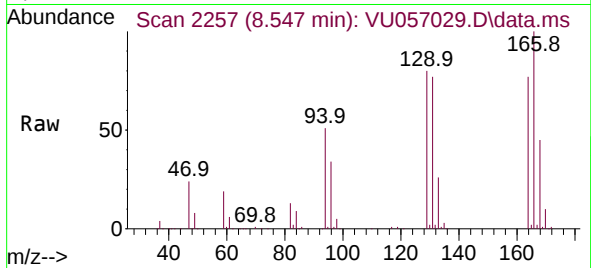


#45
1,1,2-Trichloroethane
Concen: 0.155 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.154 min
Lab File: VU057029.D
Acq: 19 Dec 2023 06:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 2026

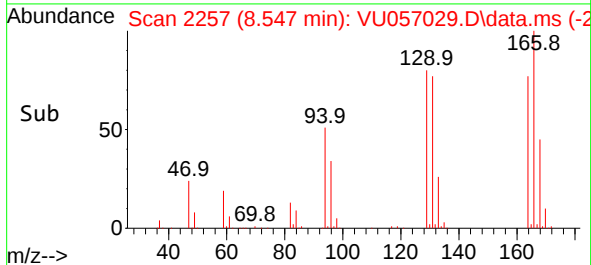
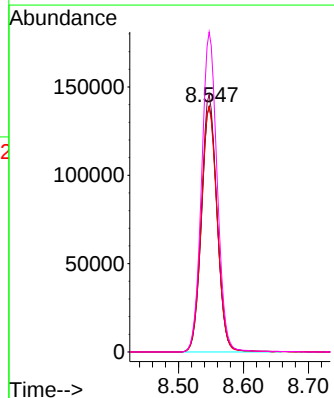
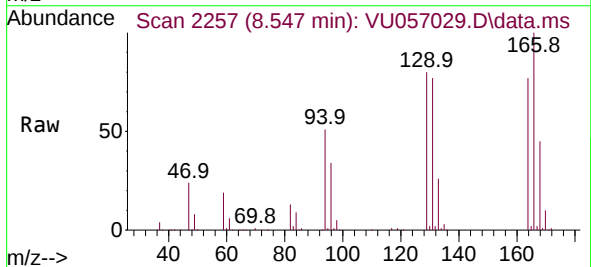
Ion	Ratio	Lower	Upper
97	100		
99	13.2	41.9	77.9#
83	259.5	59.1	109.7#
85	49.4	39.6	73.6

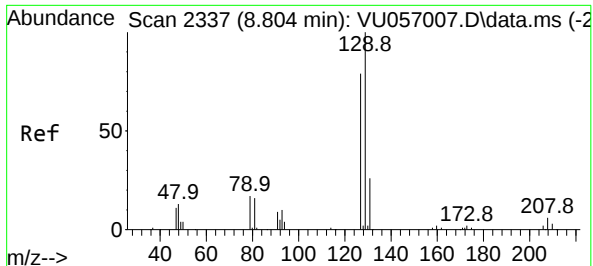


#47
Tetrachloroethene
Concen: 16.252 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057029.D
Acq: 19 Dec 2023 06:33

Tgt Ion:164 Resp: 236544

Ion	Ratio	Lower	Upper
164	100		
129	104.7	73.4	136.4
131	99.7	71.5	132.9
166	130.3	92.7	172.1





#49

Dibromochloromethane

Concen: 16.109 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU057029.D

Acq: 19 Dec 2023 06:33

Instrument :

MSVOA_U

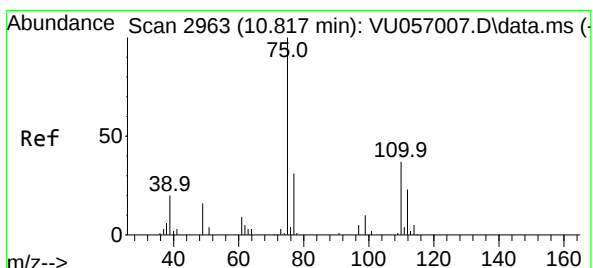
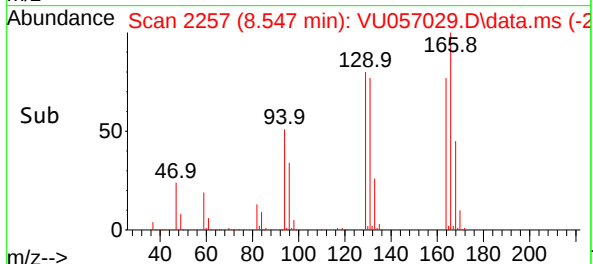
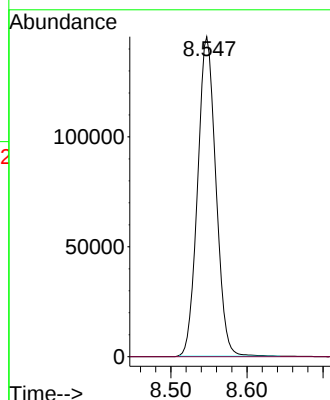
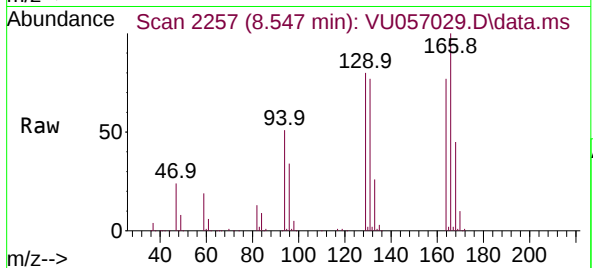
ClientSampleId :

Tgt Ion:129 Resp: 242776

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#61

1,2,3-Trichloropropane

Concen: 1.134 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU057029.D

Acq: 19 Dec 2023 06:33

Tgt Ion: 75 Resp: 11342

Ion Ratio Lower Upper

75 100

110 1.9 28.4 42.6#

77 32.4 26.3 39.5

