

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072324\
 Data File : VU060124.D
 Acq On : 23 Jul 2024 18:58
 Operator : MD/SY
 Sample : P3280-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 24 04:24:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 24 04:18:44 2024
 Response via : Initial Calibration

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

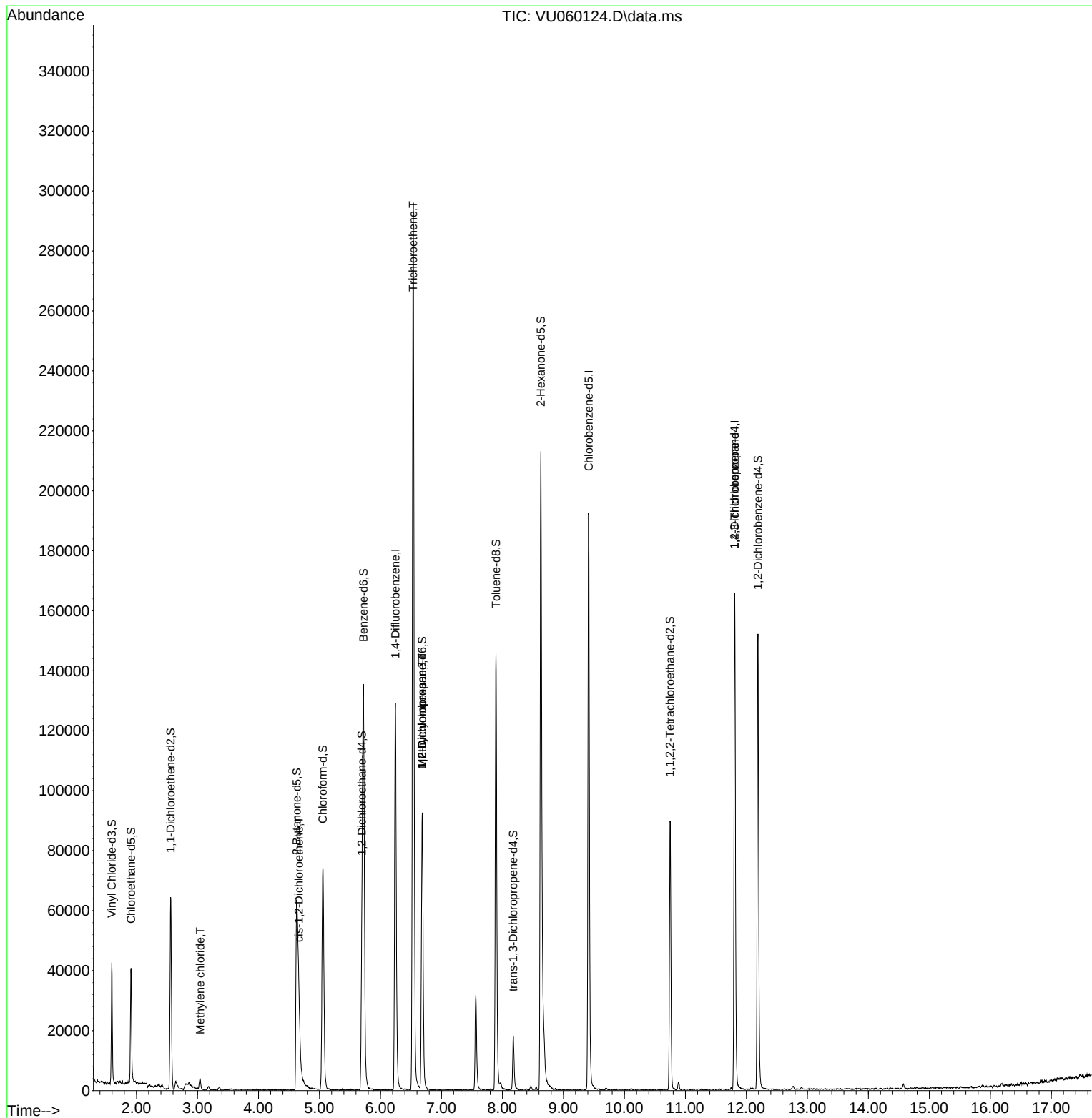
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	114398	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	121323	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	50664	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	29149	3.662	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.911	69	29894	4.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.800%
11) 1,1-Dichloroethene-d2	2.560	65	11867	3.819	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	4.628	46	103294	55.509	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.020%
24) Chloroform-d	5.055	84	74984	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.695	65	38634	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.721	84	134944	4.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.685	67	47730	4.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.894	98	105215	3.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.177	79	11478	3.255	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.200%
46) 2-Hexanone-d5	8.631	63	75178	48.049	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.100%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	48012	5.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	45937	5.023	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
16) Methylene chloride	3.042	84	1890	0.177	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	7687	0.756	ug/L	94
34) Trichloroethene	6.537	95	104426	9.824	ug/L	98
35) Methylcyclohexane	6.685	83	10794	0.775	ug/L #	33
37) 1,2-Dichloropropane	6.685	63	4777	0.441	ug/L #	88
61) 1,2,3-Trichloropropane	11.807	75	5556	1.040	ug/L #	62

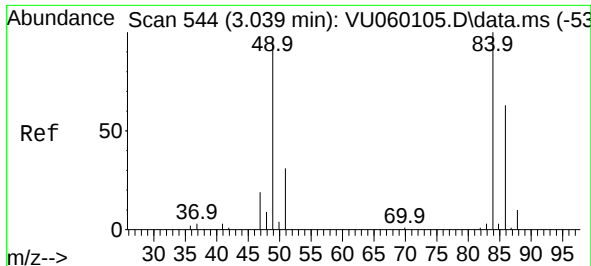
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16

Methylene chloride

Concen: 0.177 ug/L

RT: 3.042 min Scan# 544

Delta R.T. 0.003 min

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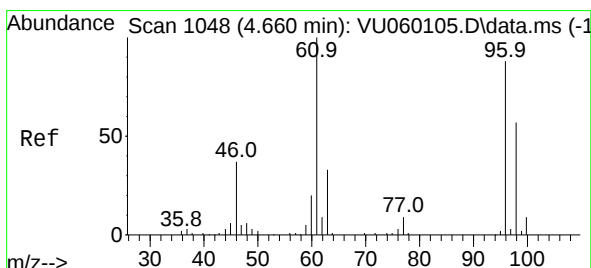
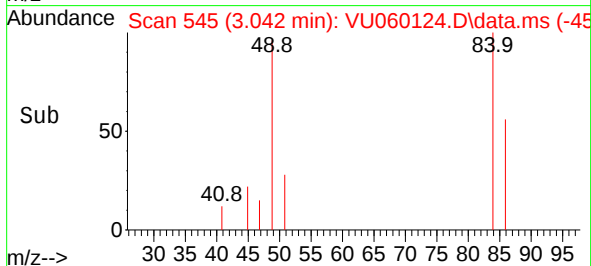
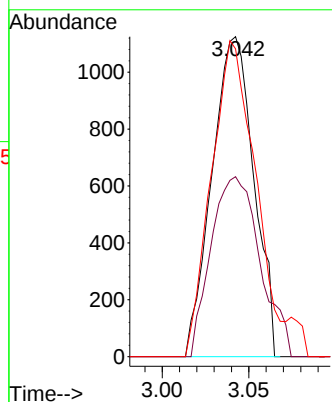
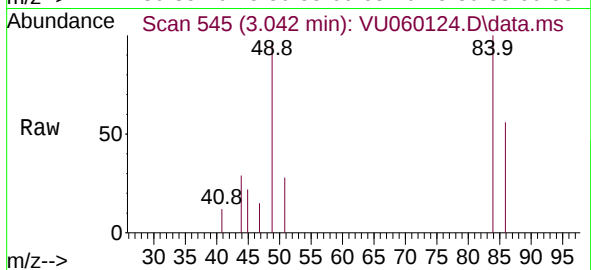
Tgt Ion: 84 Resp: 1890

Ion Ratio Lower Upper

84 100

86 56.3 44.4 82.5

49 96.2 72.0 133.6



#22

cis-1,2-Dichloroethene

Concen: 0.756 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.003 min

Lab File: VU060124.D

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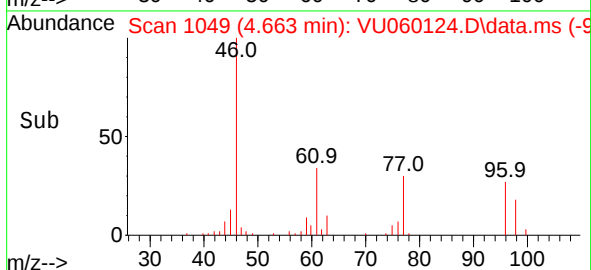
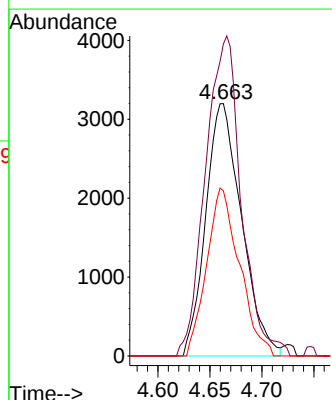
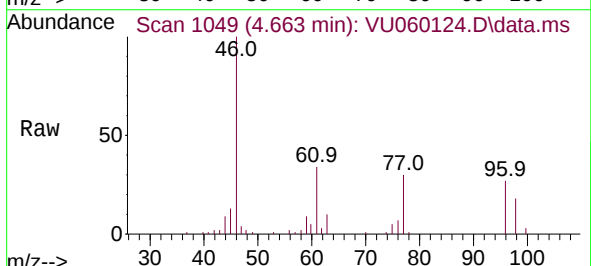
Tgt Ion: 96 Resp: 7687

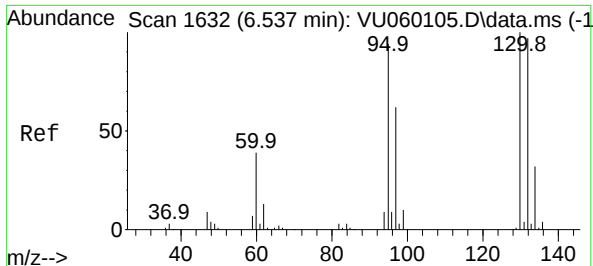
Ion Ratio Lower Upper

96 100

61 123.6 80.2 148.9

98 65.4 44.7 83.1

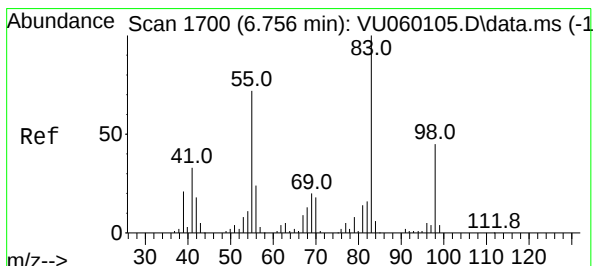
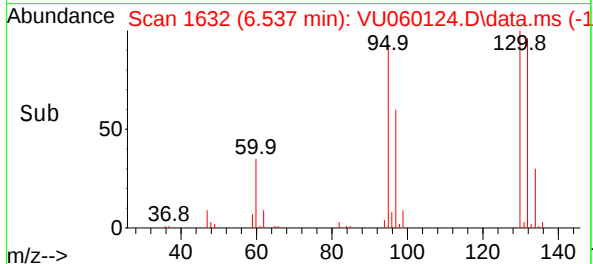
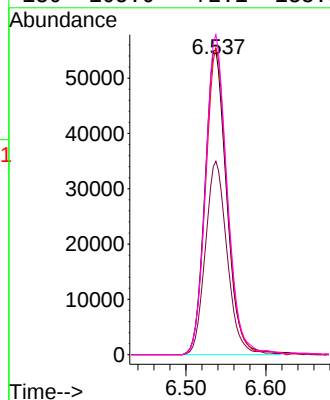
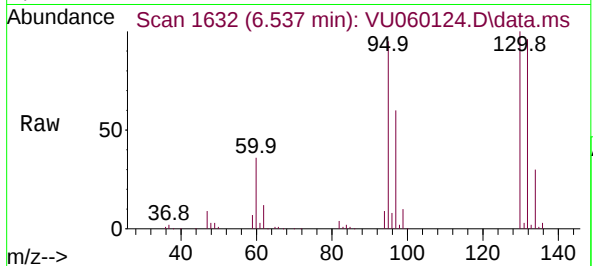




#34
Trichloroethene
Concen: 9.824 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU060124.D
Acq: 23 Jul 2024 18:58

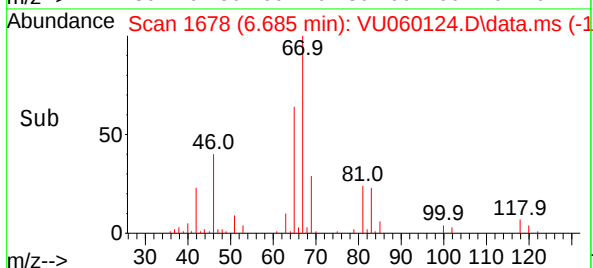
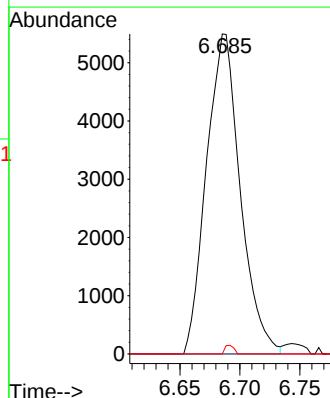
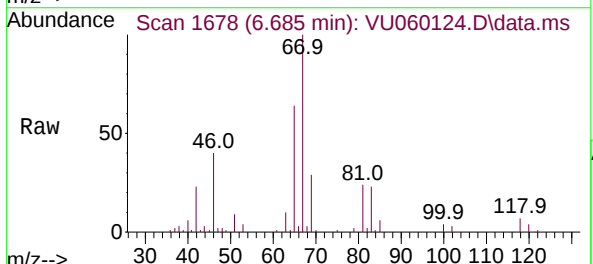
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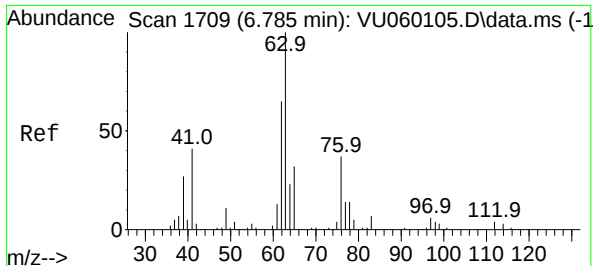
Tgt Ion: 95 Resp: 104426
Ion Ratio Lower Upper
95 100
97 63.4 45.9 85.3
132 100.7 71.4 132.6
130 105.0 72.1 133.9



#35
Methylcyclohexane
Concen: 0.775 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU060124.D
Acq: 23 Jul 2024 18:58

Tgt Ion: 83 Resp: 10794
Ion Ratio Lower Upper
83 100
55 0.0 56.7 85.1#
98 21.3 36.6 55.0#

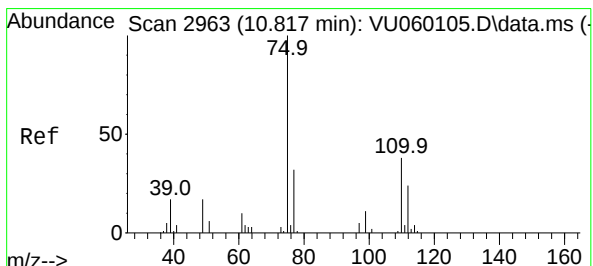
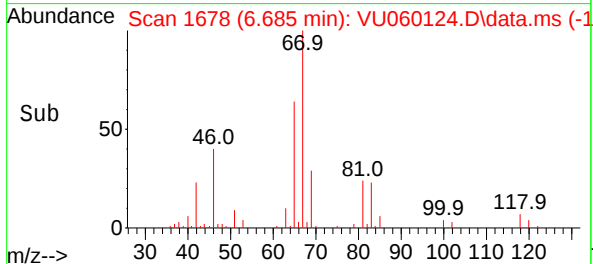
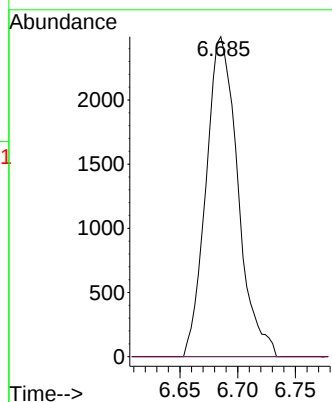
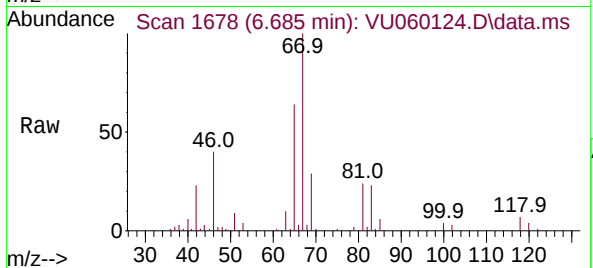




#37
1,2-Dichloropropane
Concen: 0.441 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060124.D
Acq: 23 Jul 2024 18:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4777
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#61
1,2,3-Trichloropropane
Concen: 1.040 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU060124.D
Acq: 23 Jul 2024 18:58

Tgt Ion: 75 Resp: 5556
Ion Ratio Lower Upper
75 100
110 0.0 30.8 46.2#
77 28.0 26.2 39.2

