

0ml

$t(s)$	$x(cm)$	$\Delta x(cm)$	$v(cm/s)$	$a(cm/s^2)$
0.00	5.2	0.0	-	-
0.08	5.3	0.1	1.25	-
0.16	5.4	0.2	1.25	0.00
0.24	6.0	0.8	6.88	70.31
0.32	8.5	3.3	31.88	312.50
0.40	9.5	4.3	11.88	-250.00
0.48	13.5	8.3	50.63	484.38

10ml

$t(s)$	$x(cm)$	$\Delta x(cm)$	$v(cm/s)$	$a(cm/s^2)$
0.00	6.0	0.0	-	-
0.19	7.0	1.0	5.26	-
0.29	8.3	2.3	13.00	77.37
0.35	9.6	3.6	21.67	144.44
0.49	11.3	5.3	12.14	-68.03
0.79	13.5	7.5	7.33	-16.03
0.99	17.5	11.5	20.00	63.33
1.29	23.5	17.5	20.00	0.00

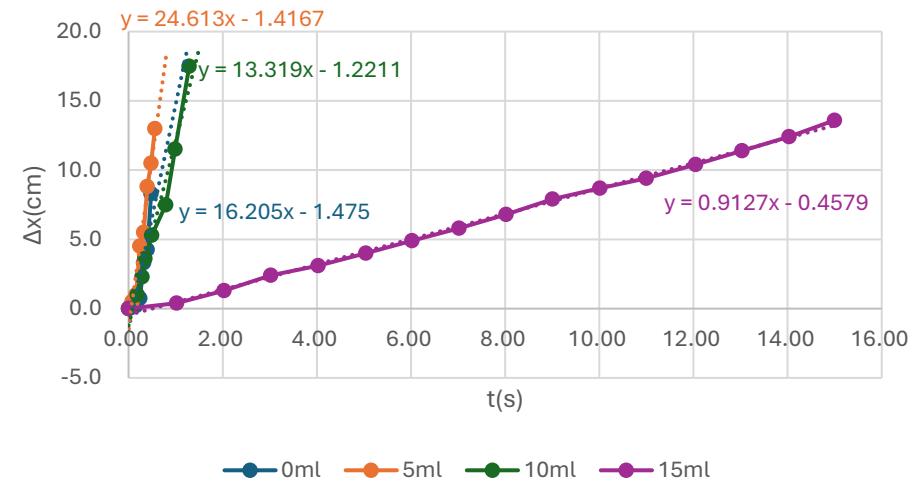
5ml

$t(s)$	$x(cm)$	$\Delta x(cm)$	$v(cm/s)$	$a(cm/s^2)$
0.00	5.5	0.0	-	-
0.08	6.0	0.5	6.25	-
0.16	6.5	1.0	6.25	0.00
0.24	10.0	4.5	43.75	468.75
0.32	11.0	5.5	12.50	-390.63
0.40	14.3	8.8	41.25	359.38
0.48	16.0	10.5	21.25	-250.00
0.56	18.5	13.0	31.25	125.00

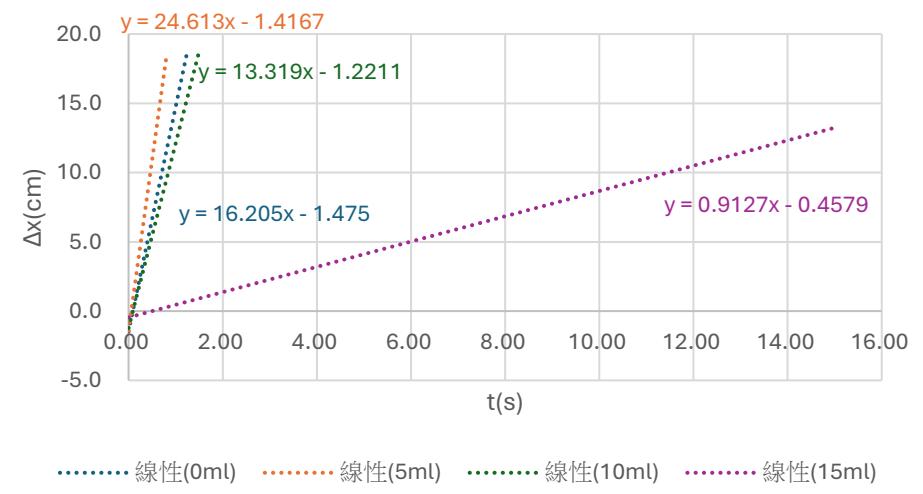
15ml

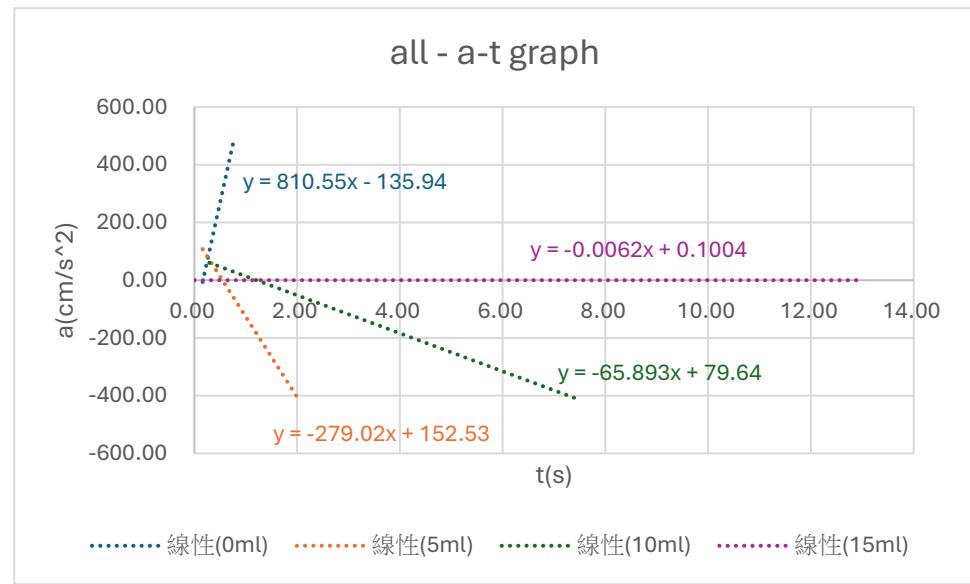
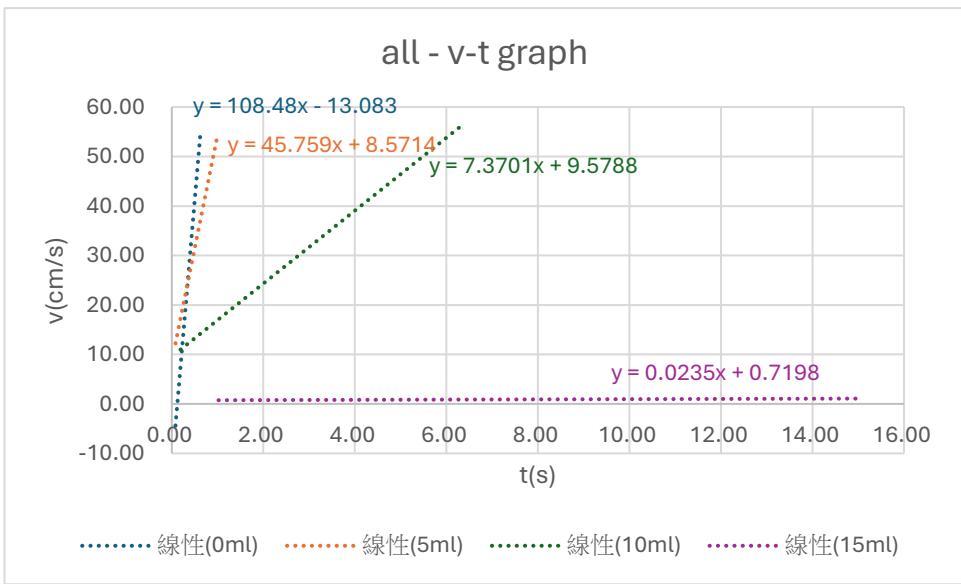
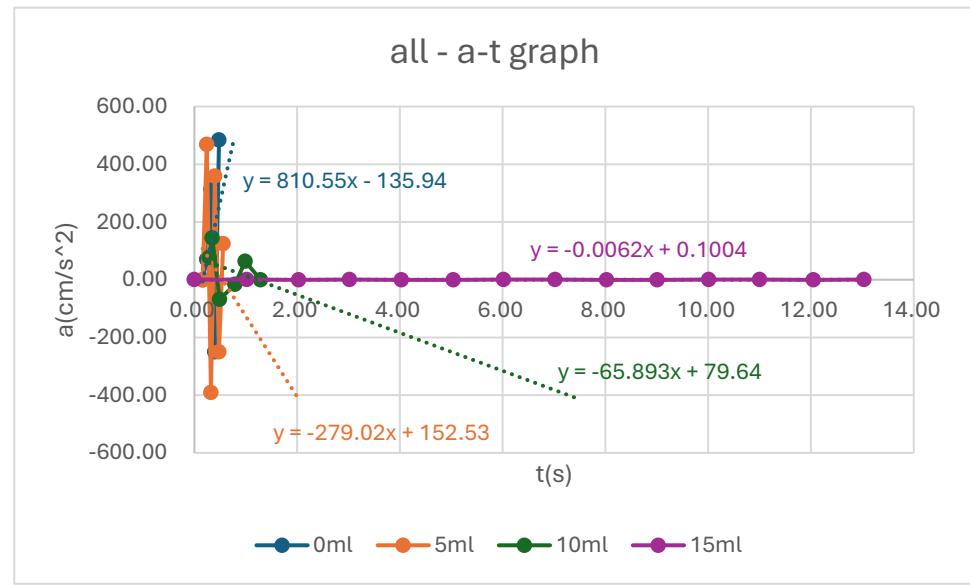
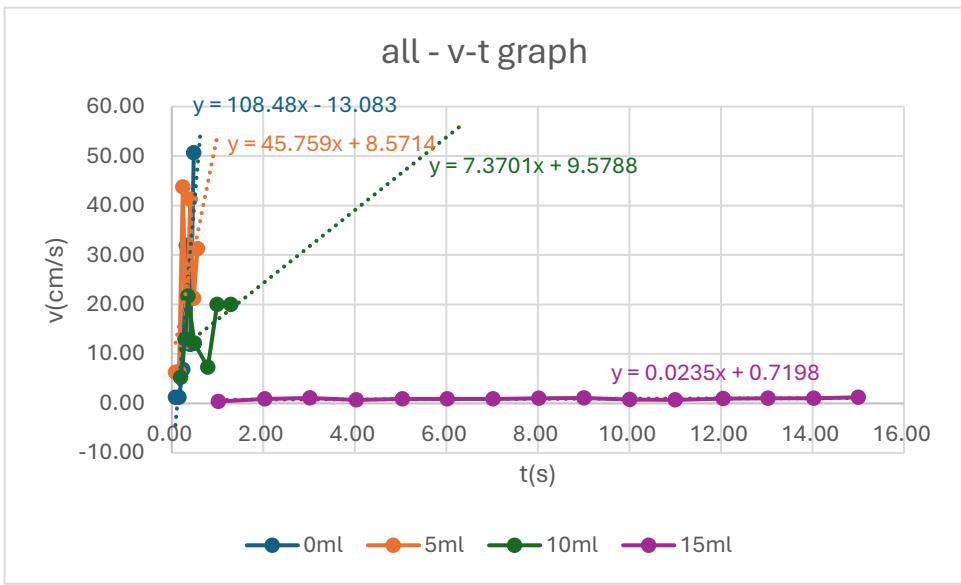
$t(s)$	$x(cm)$	$\Delta x(cm)$	$v(cm/s)$	$a(cm/s^2)$
0.00	6.6	0.0	-	-
1.02	7.0	0.4	0.39	-
2.03	7.9	1.3	0.89	0.49
3.02	9.0	2.4	1.11	0.22
4.03	9.7	3.1	0.69	-0.41
5.04	10.6	4.0	0.89	0.20
6.02	11.5	4.9	0.92	0.03
7.02	12.4	5.8	0.90	-0.02
8.02	13.4	6.8	1.00	0.10
9.01	14.5	7.9	1.11	0.11
10.01	15.3	8.7	0.80	-0.31
11.00	16.0	9.4	0.71	-0.09
12.05	17.0	10.4	0.95	0.23
13.03	18.0	11.4	1.02	0.07
14.03	19.0	12.4	1.00	-0.02
15.00	20.2	13.6	1.24	0.24

all - x-t graph

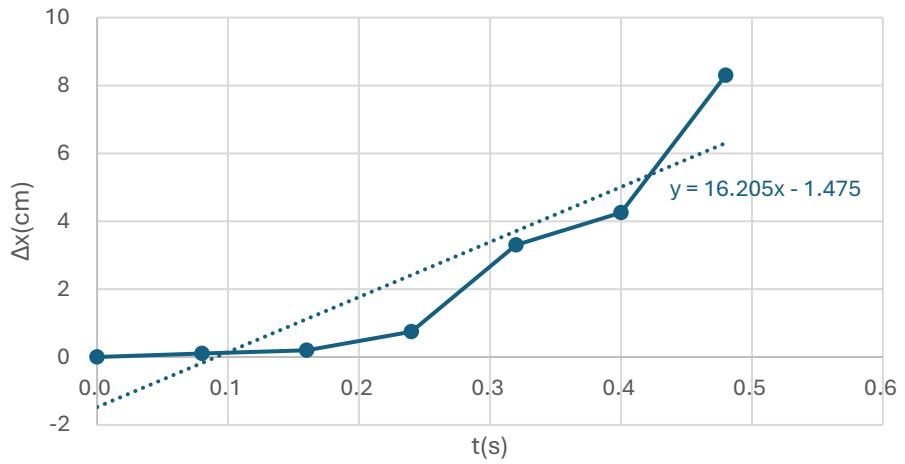


all - x-t graph

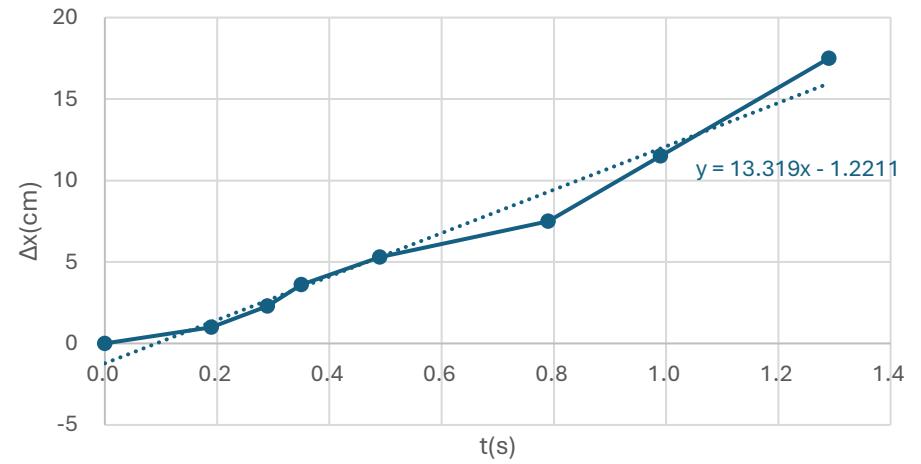




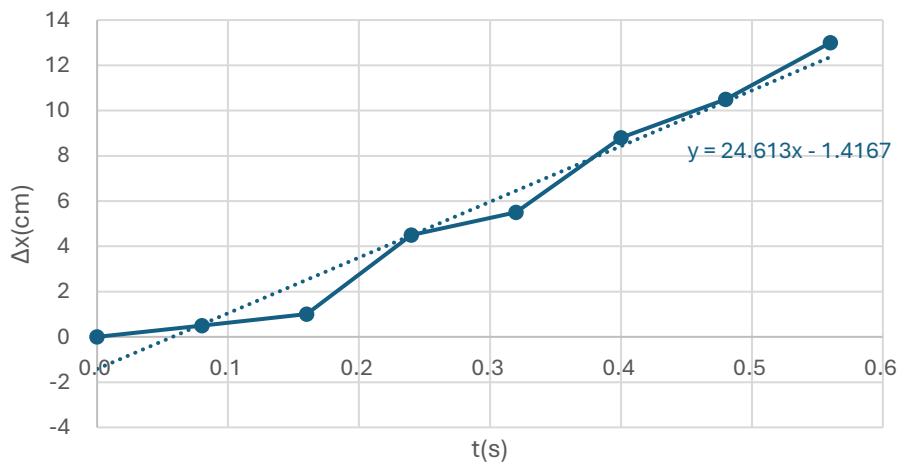
0ml - x-t graph



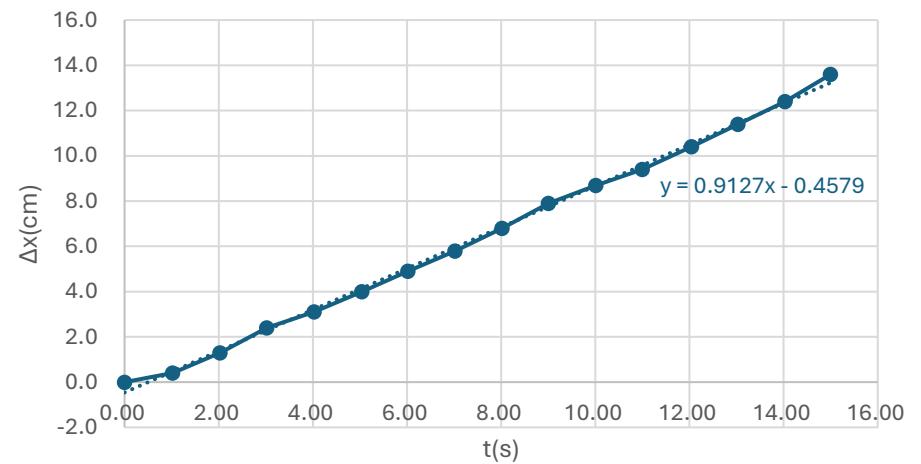
10ml - x-t graph



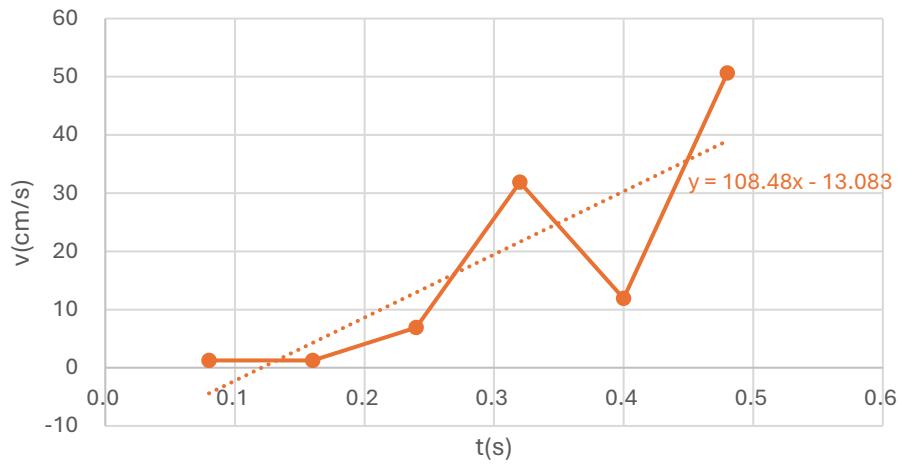
5ml - x-t graph



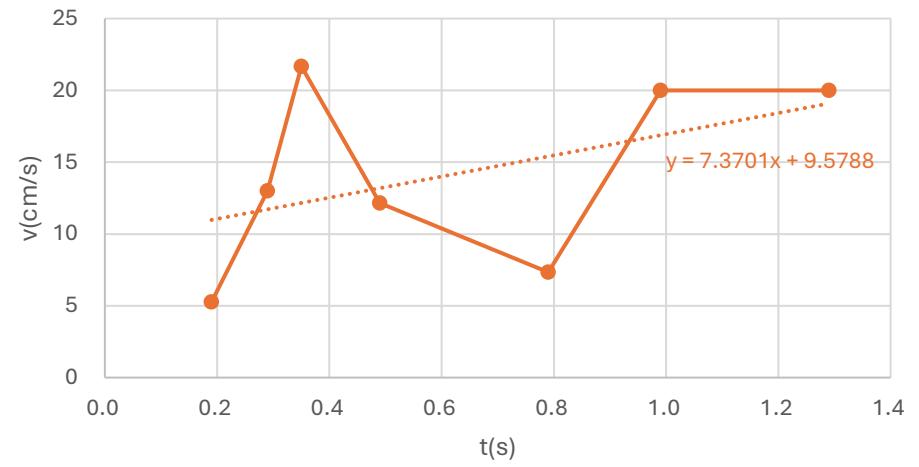
15ml - x-t graph



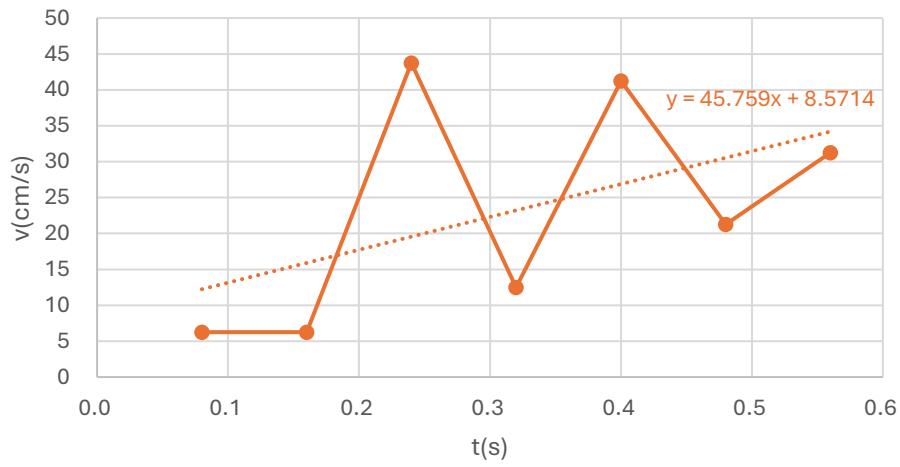
0ml - v-t graph



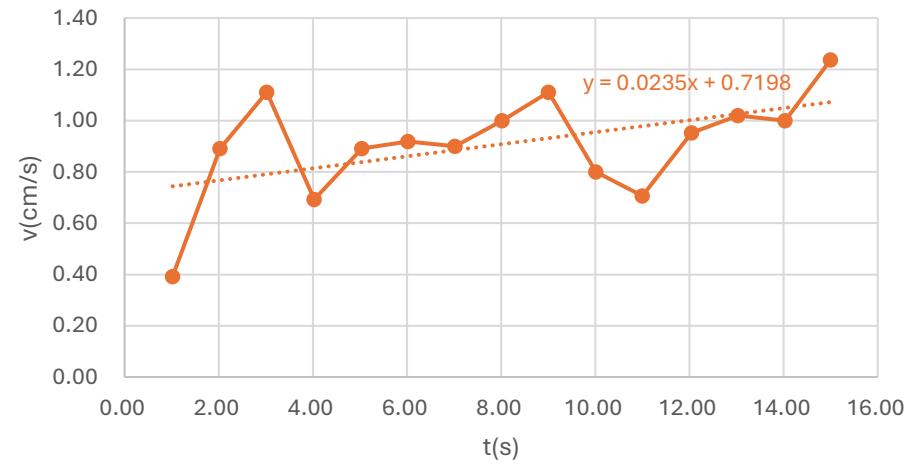
10ml - v-t graph



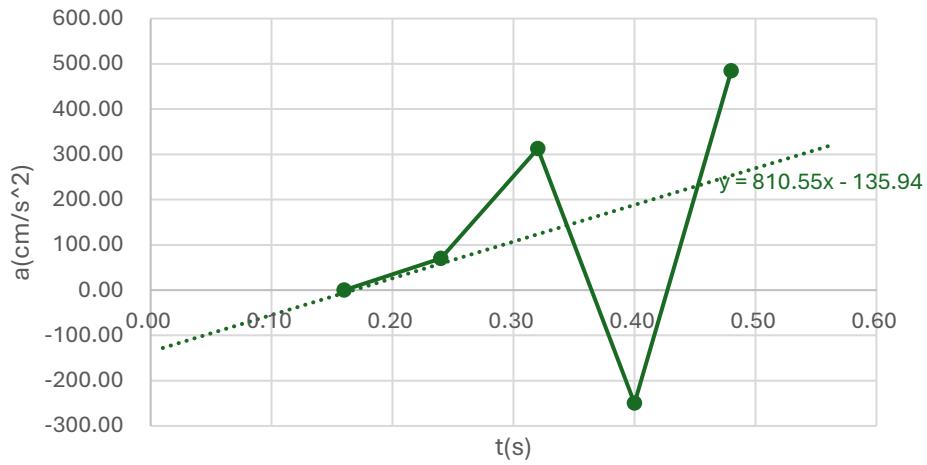
5ml - v-t graph



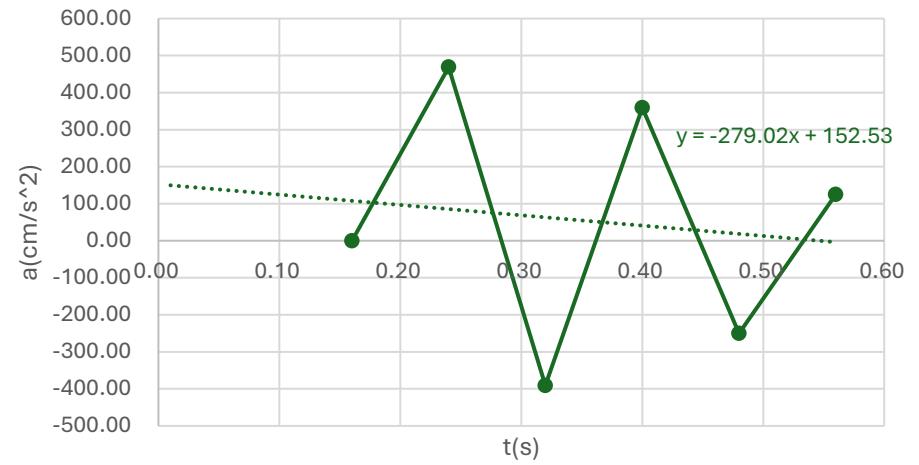
15ml - v-t graph



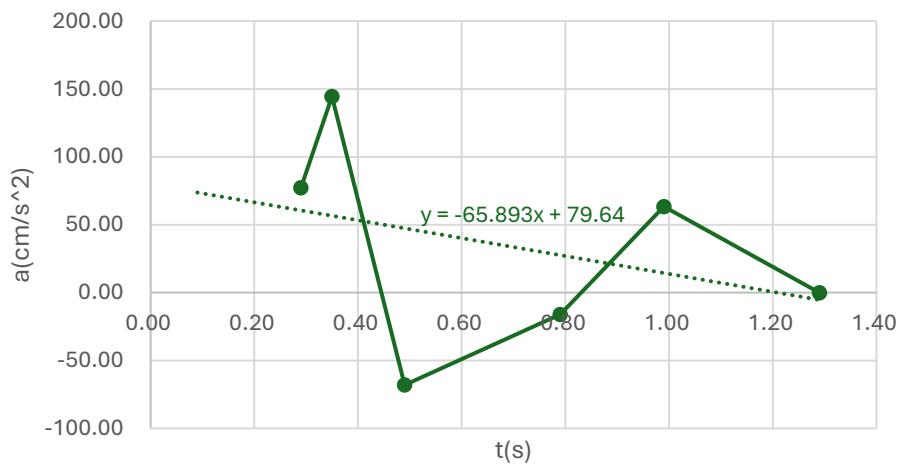
0ml - a-t graph



5ml - a-t graph



10ml - a-t graph



15ml - a-t graph

