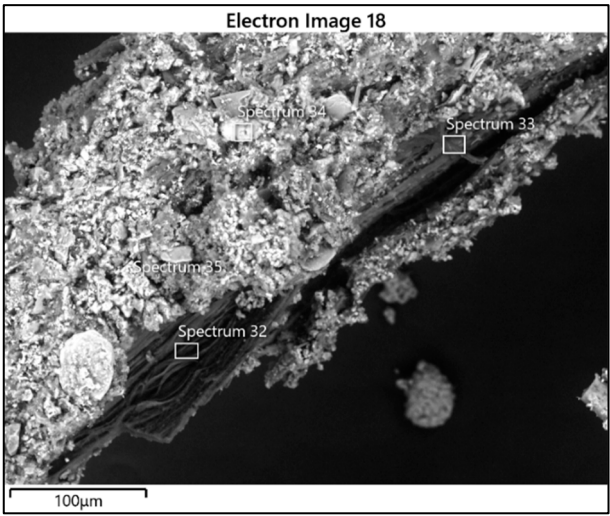
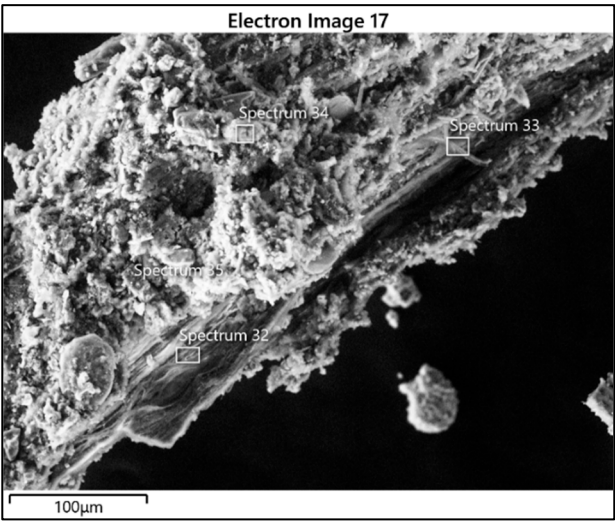
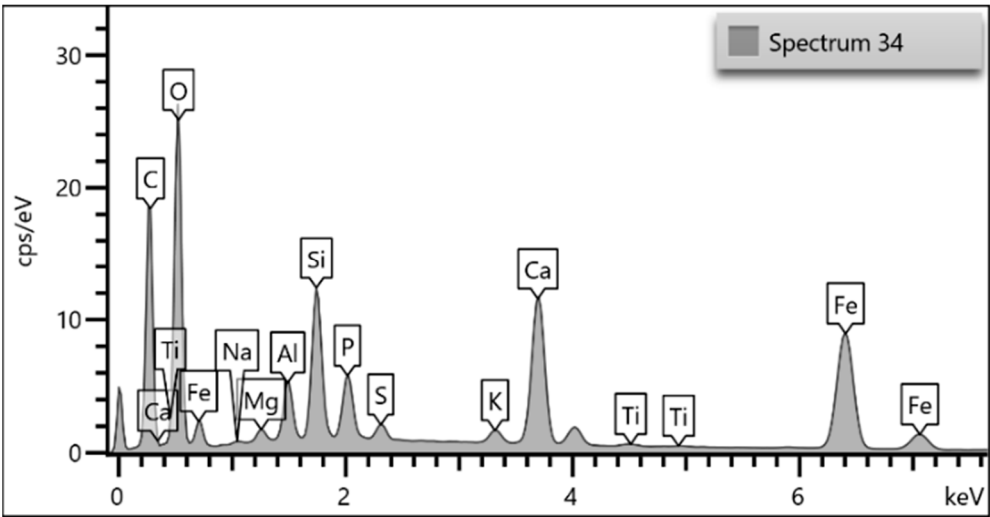


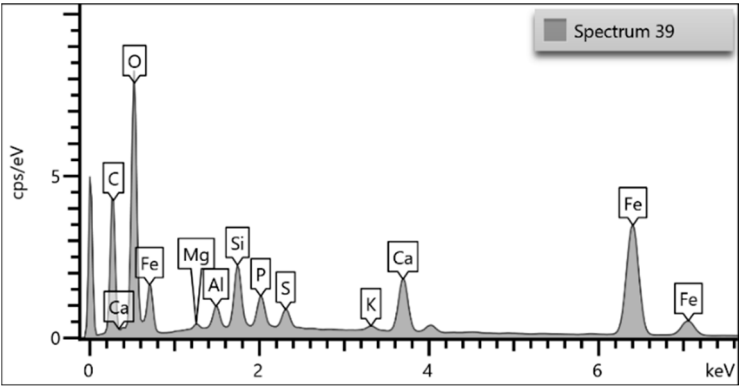
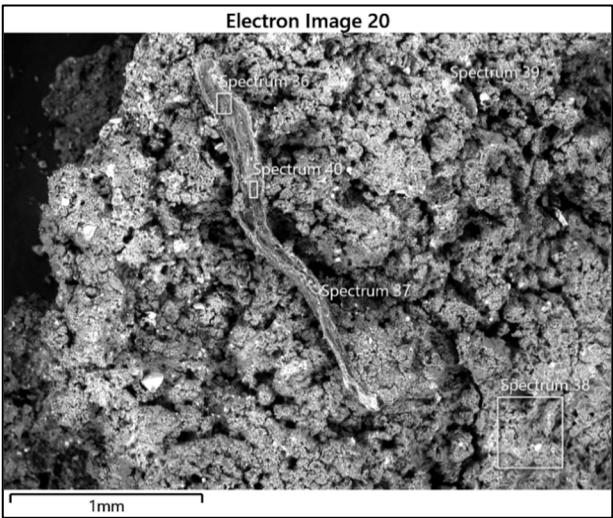
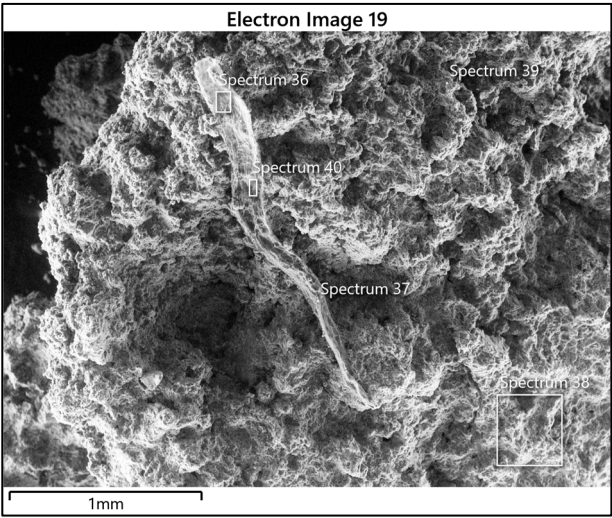
SAMPLE 1



Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Ti	Fe	Total
Sp. 34	19,23	61,46	0,08	0,23	1	2,36	1,17	0,3	0,32	4,07	0,08	9,71	100

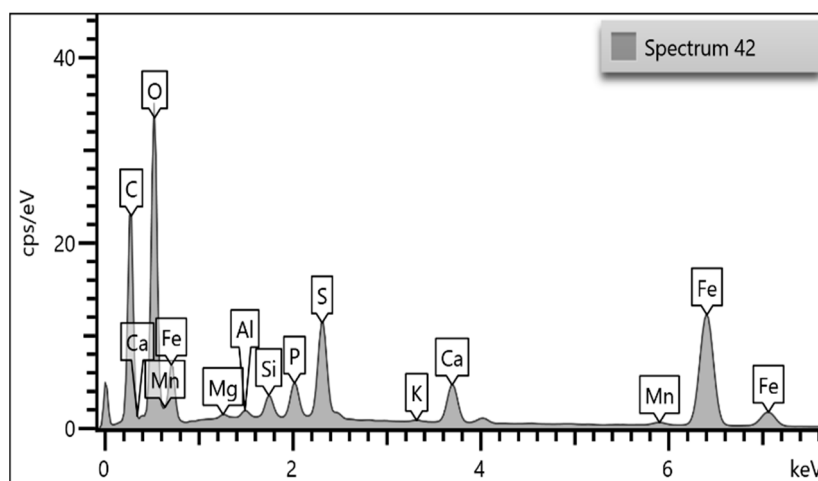
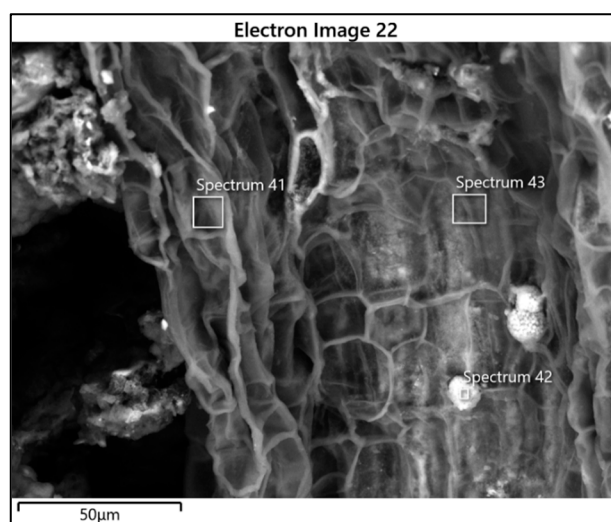
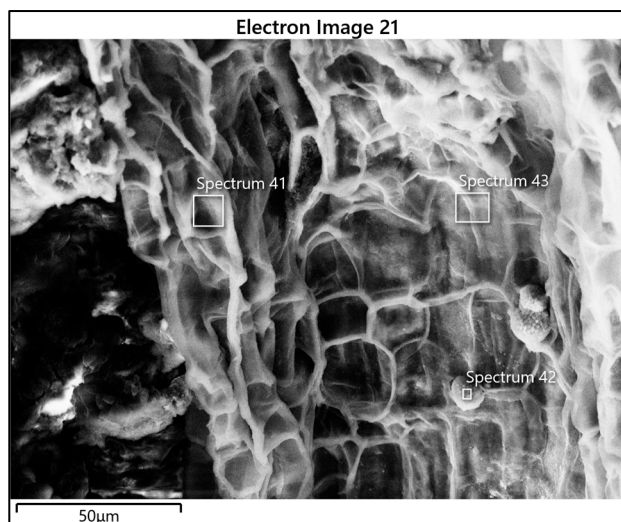


SAMPLE 2

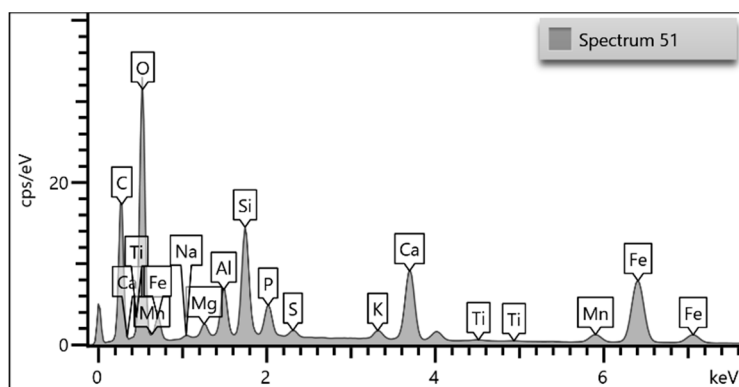
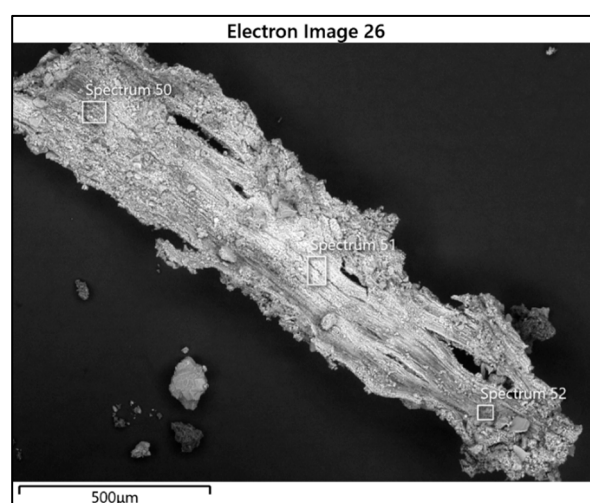
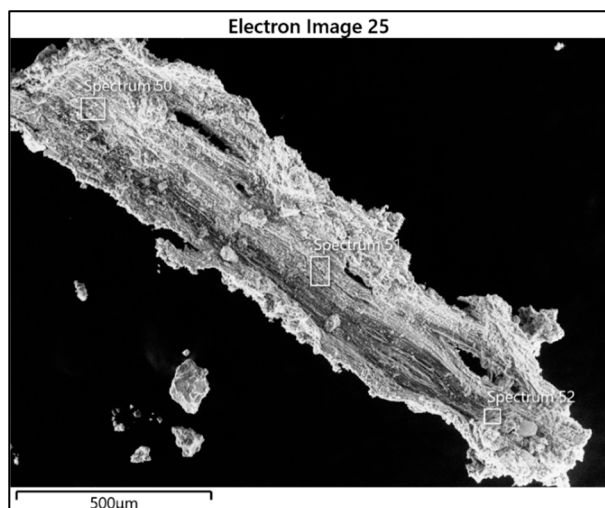


Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Ti	Mn	Fe	Total
Sp. 39	18,21	58,96	0,2	0,67	1,72	0,98	0,59	0,18	2,54			15,96	100

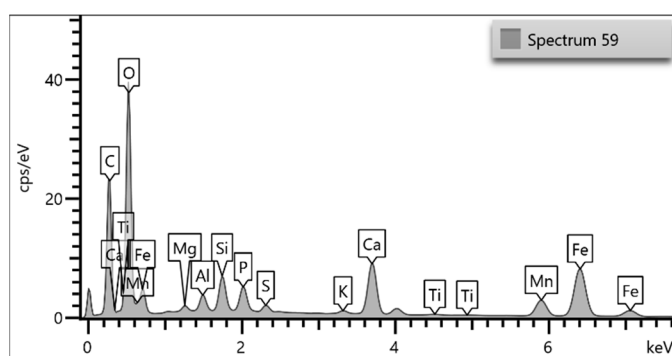
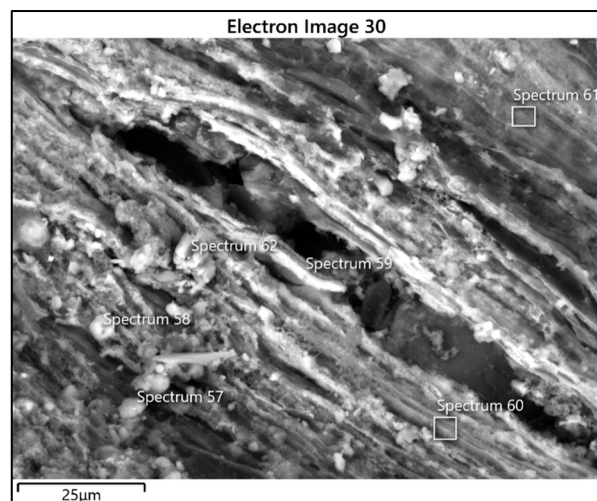
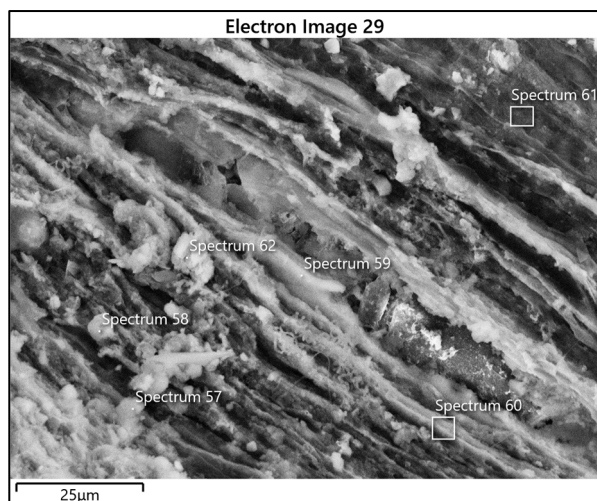




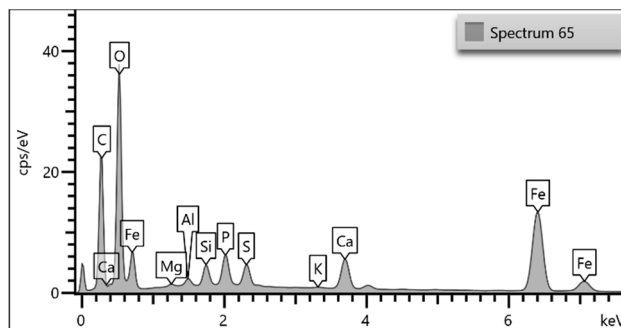
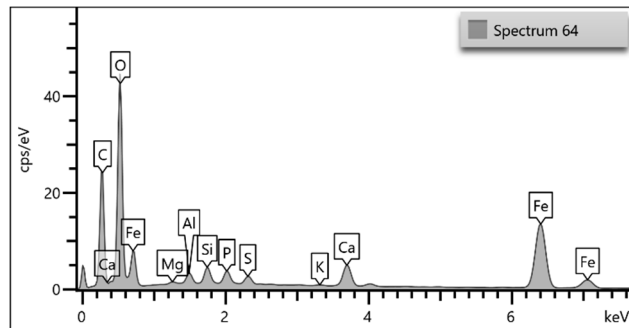
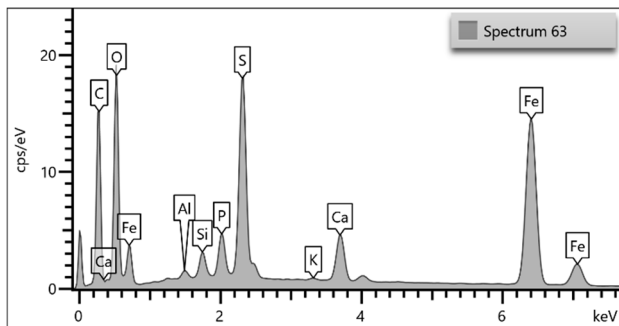
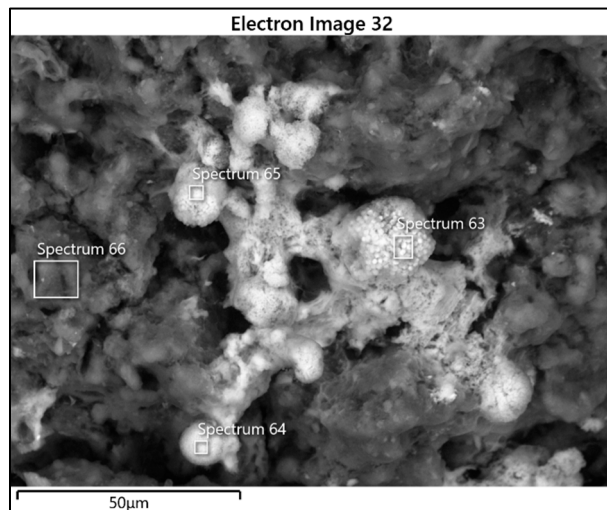
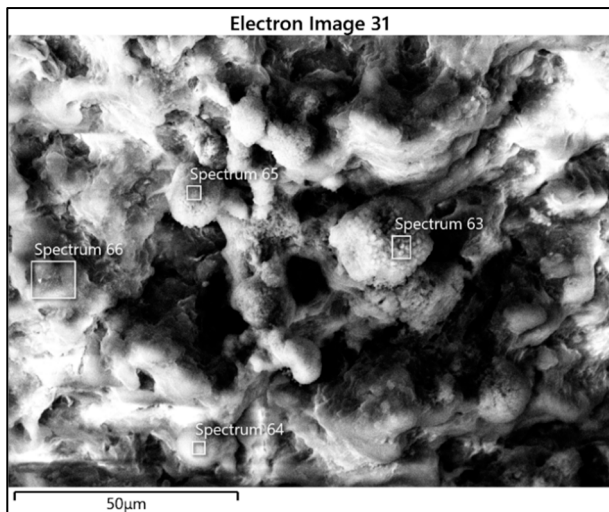
Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Total
Sp. 42	20,35	62,95	0,09	0,15	0,41	0,75	2,14	0,05	1,31	0,24	11,57	100



Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Ti	Mn	Fe	Total
Sp. 51	19,06	61,45	0,15	0,44	1,39	2,9	0,97	0,21	0,35	3,31	0,06	0,93	8,79	100



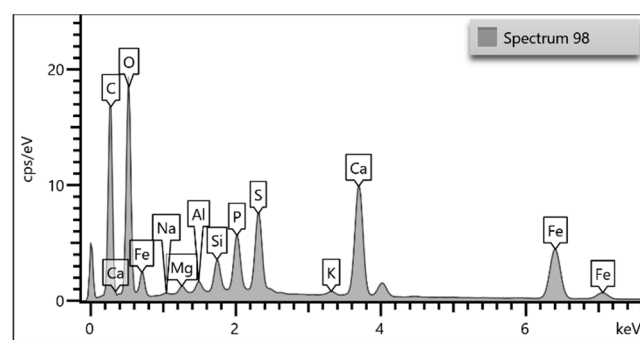
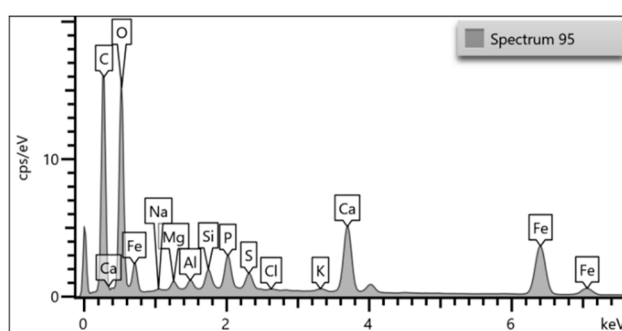
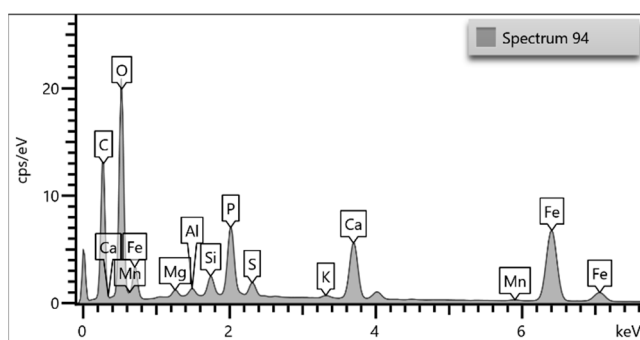
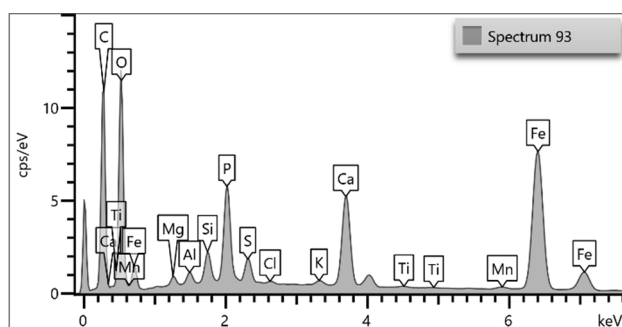
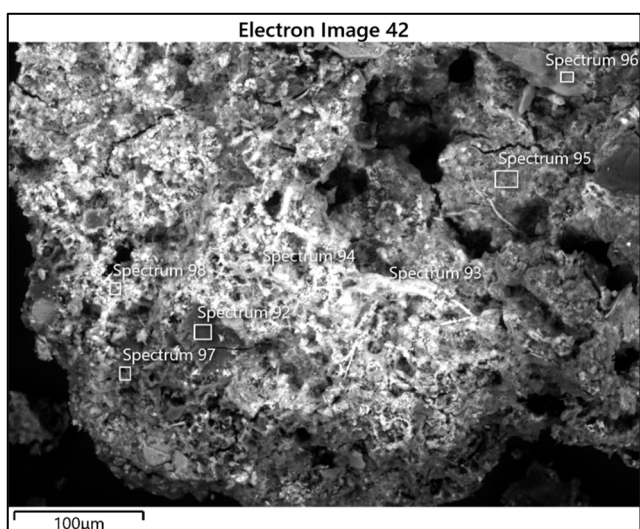
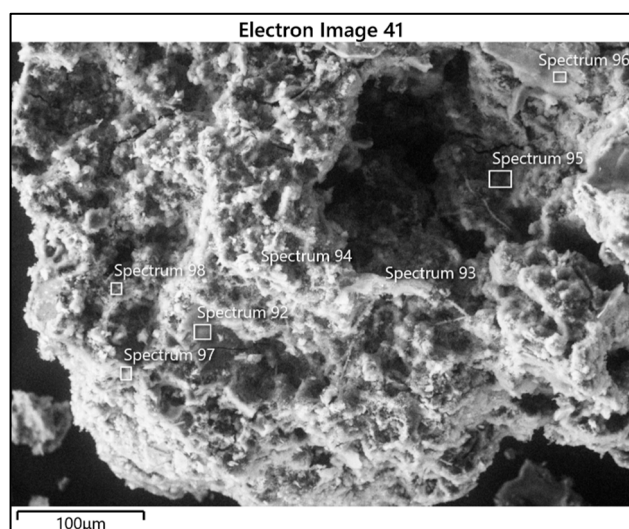
Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Ti	Mn	Fe	Total
Sp. 59	20,5	62,51		0,23	0,57	1,15	0,91	0,28	0,15	2,98	0,06	2,42	8,24	100



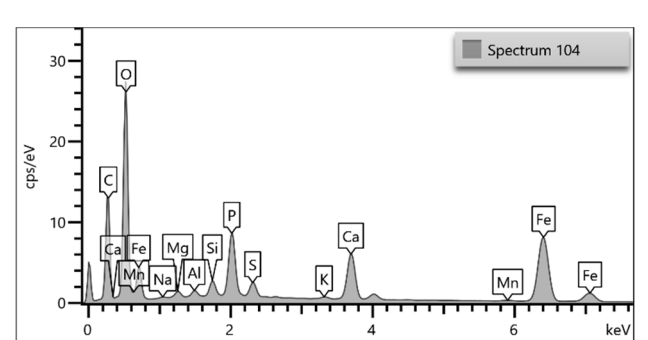
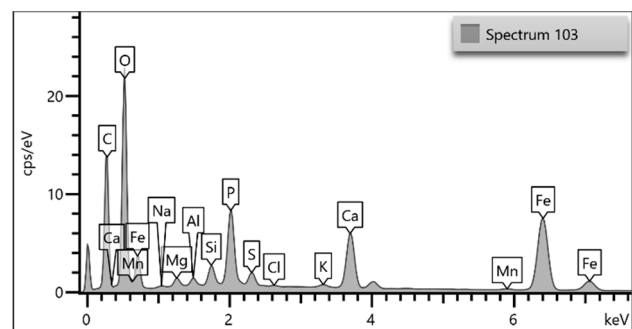
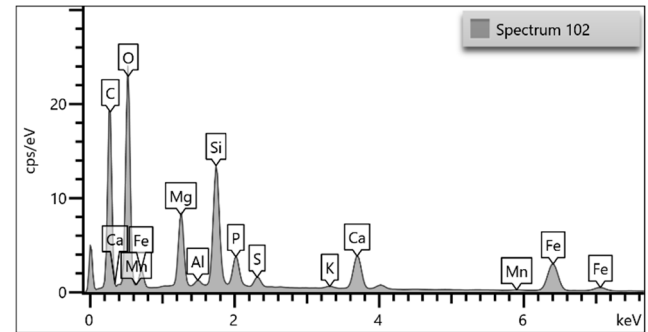
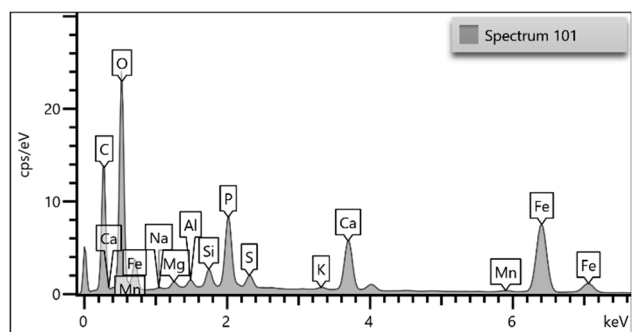
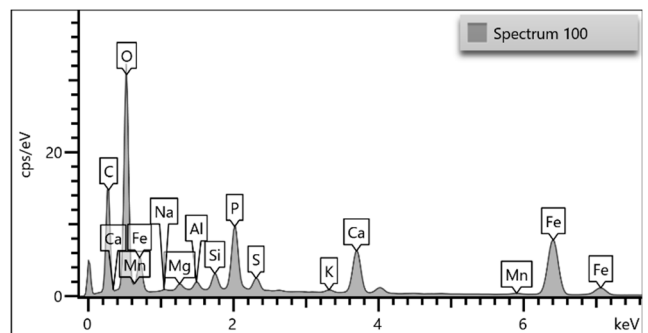
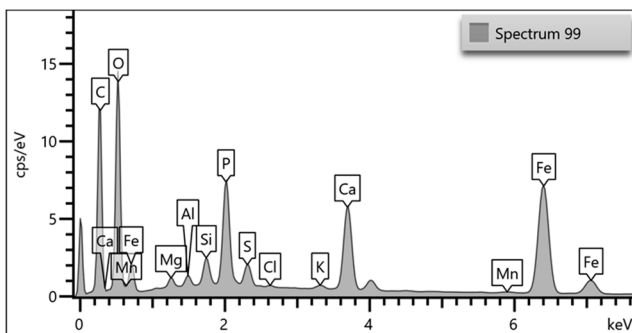
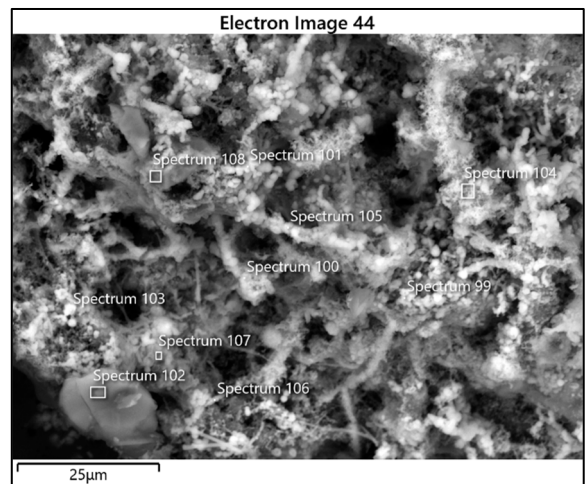
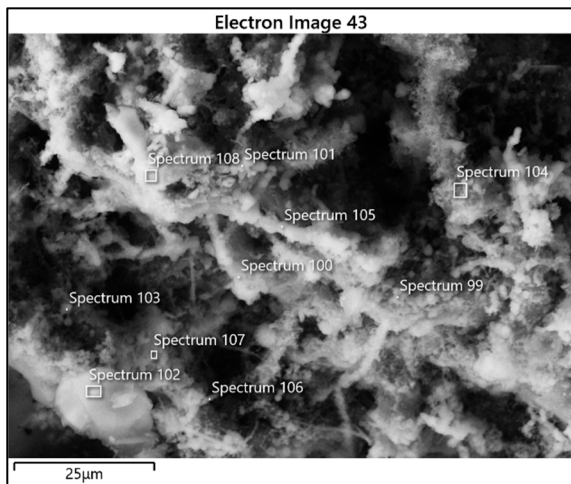
Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Fe	Total
Sp. 63	17,82	60,05		0,14	0,42	0,84	3,95	0,06	1,4	15,3	100
Sp. 64	20,63	61,99	0,1	0,46	0,65	0,58	0,37	0,06	1,45	13,71	100
Sp. 65	20,12	61,8	0,1	0,24	0,67	1,1	0,8	0,04	1,66	13,46	100

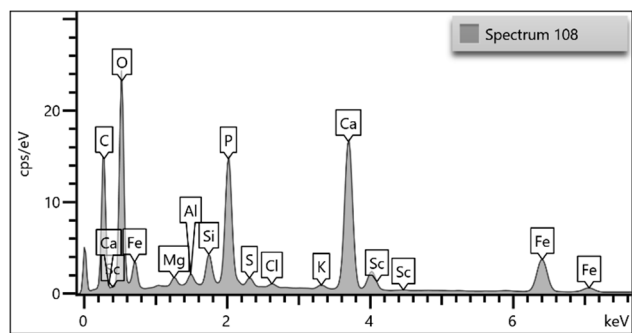
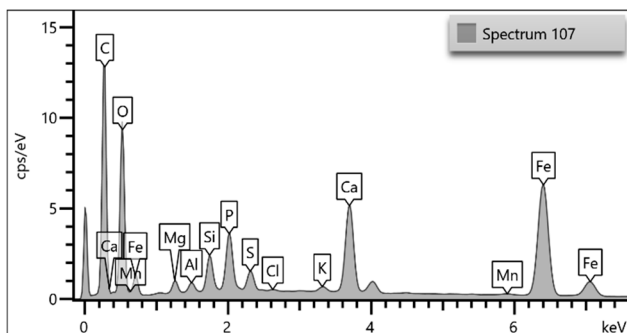
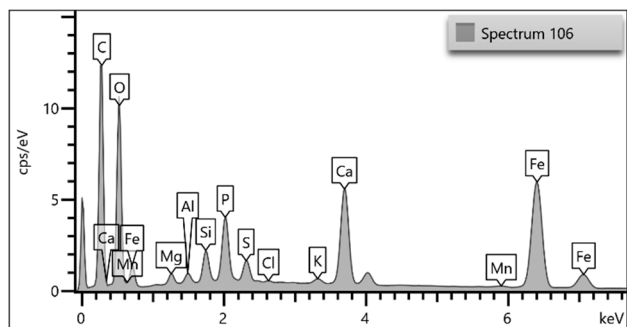
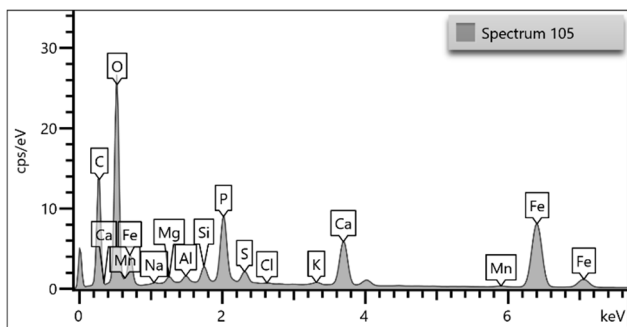


## SAMPLE 3

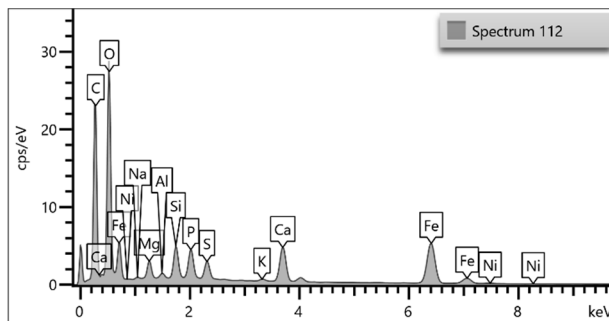
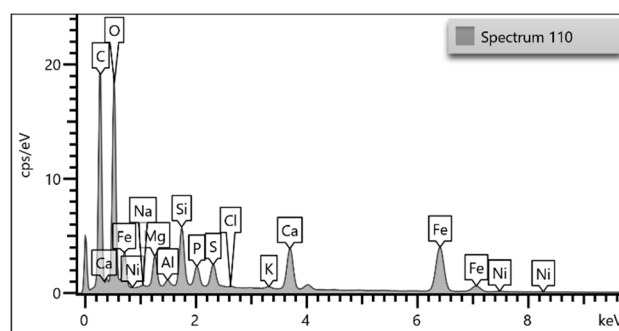
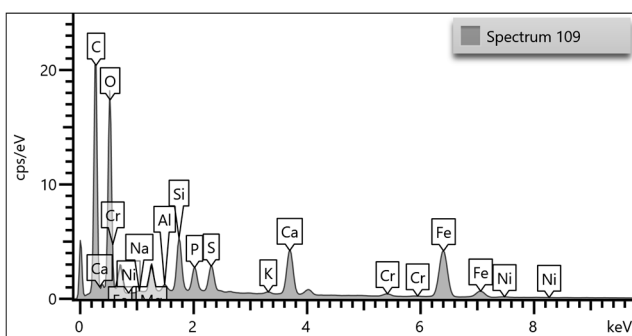
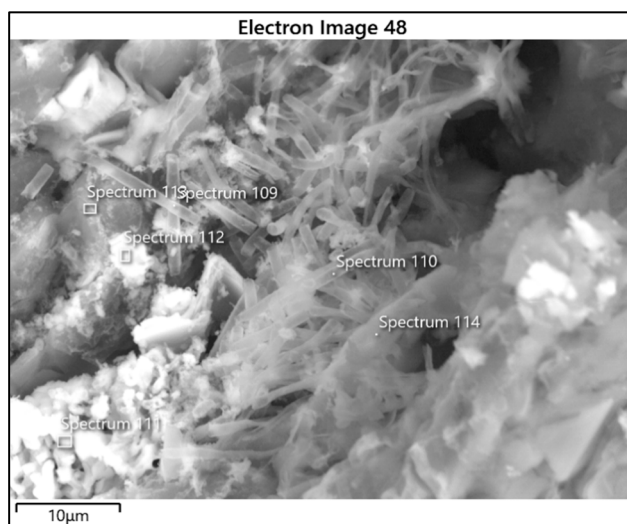
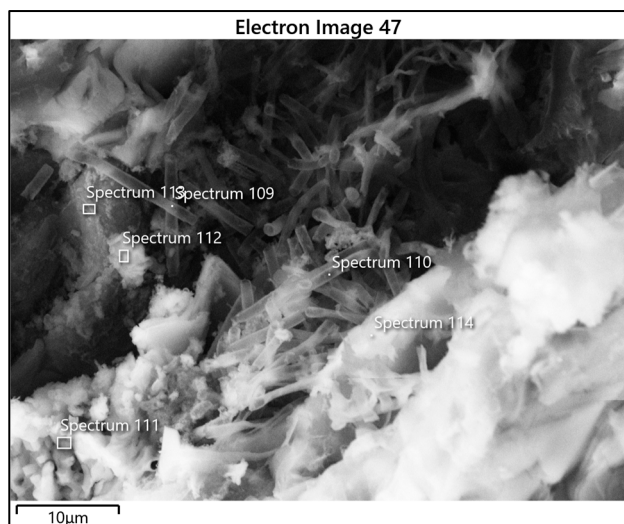


Wt%	C	O	Na	Mg	Al	Si	P	S	Cl	K	Ca	Ti	Mn	Fe	Total
Sp. 93	19,03	60,31		0,22	0,24	0,55	2,01	0,54	0,07	0,13	2,93	0,05	0,18	13,72	100
Sp. 94	34,01	34,62		0,41	0,37	0,91	3,87	0,83		0,19	4,45		0,24	20,11	100
Sp. 95	22,54	65,74	0,08	0,25	0,24	0,44	0,9	0,43	0,05	0,1	2,84			6,4	100
Sp. 98	20,77	64,54	0,06	0,19	0,24	0,67	1,35	1,97		0,13	4,29			5,8	100



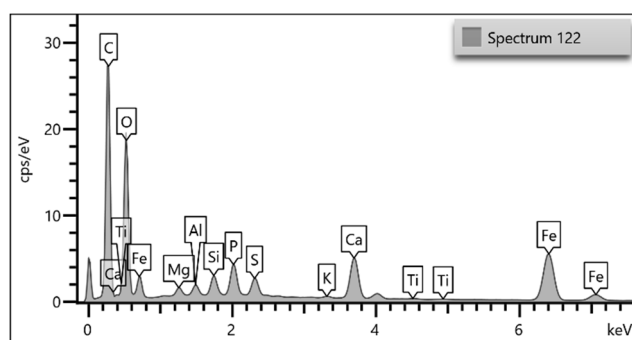
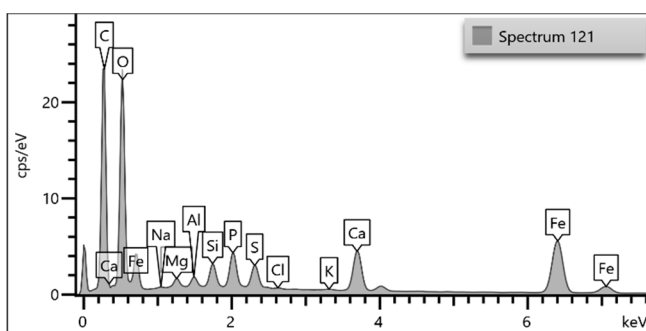
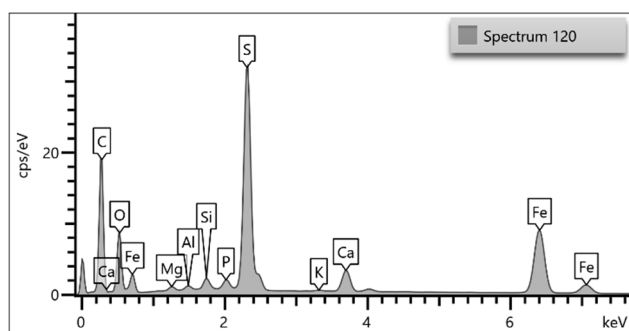
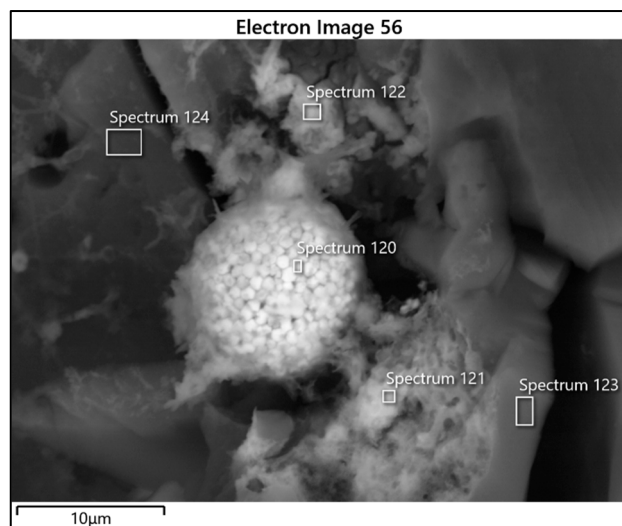
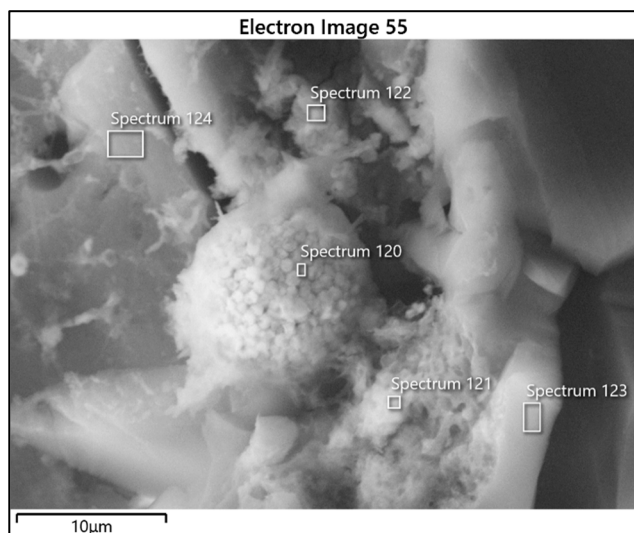


Wt%	C	O	Na	Mg	Al	Si	P	S	Cl	K	Ca	Sc	Mn	Fe	Total
Sp. 99	19,4	61,32		0,26	0,25	0,55	2,42	0,54	0,05	0,12	3,06		0,08	11,97	100
Sp. 100	19,54	61,84	0,09	0,27	0,33	0,6	2,66	0,55		0,16	2,82		0,18	10,97	100
Sp. 101	19,6	61,68	0,08	0,25	0,26	0,55	2,51	0,45		0,1	2,79		0,19	11,54	100
Sp. 102	21,81	66,35		2,25	0,15	2,98	0,86	0,3		0,07	1,5		0,06	3,67	100
Sp. 103	19,69	61,8	0,07	0,29	0,24	0,56	2,45	0,46	0,05	0,11	2,85		0,16	11,27	100
Sp. 104	19,03	60,87	0,07	0,27	0,24	0,56	2,61	0,63		0,12	2,95		0,13	12,54	100
Sp. 105	19,39	61,37	0,08	0,28	0,24	0,55	2,62	0,47	0,05	0,12	2,72		0,13	11,98	100
Sp. 106	20,36	62,27		0,26	0,2	0,61	1,38	0,48	0,05	0,15	3,25		0,11	10,88	100
Sp. 107	20,44	62,27		0,31	0,19	0,67	1,21	0,44	0,04	0,15	2,91		0,09	11,28	100
Sp. 108	18,99	62,22		0,3	0,31	0,85	4,01	0,3	0,13	0,18	7,65	0,09		4,97	100

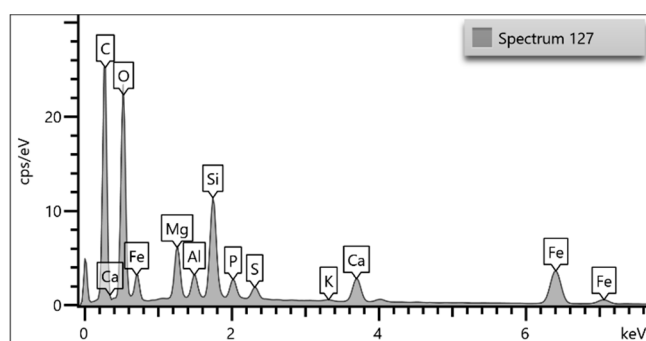
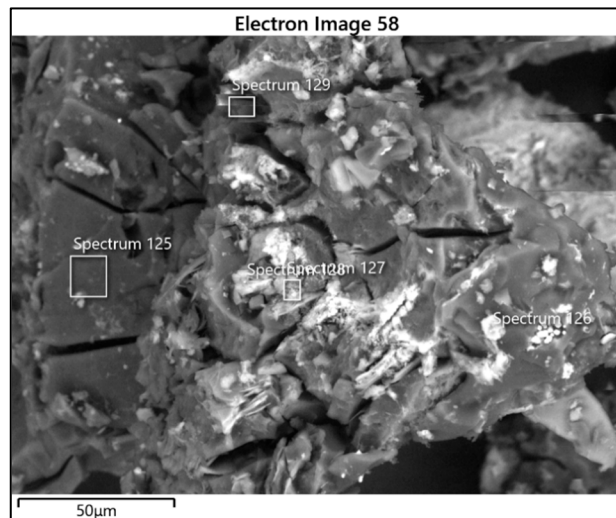
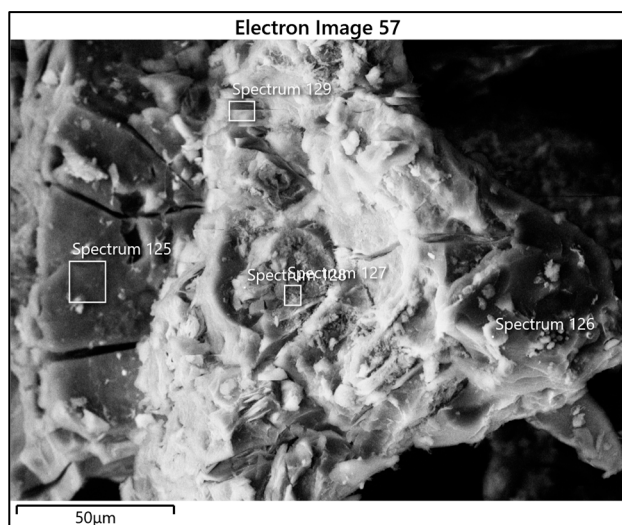


Wt%	C	O	Na	Mg	Al	Si	P	S	Cl	K	Ca	Cr	Fe	Ni	Total
Sp. 109	22,54	66,27	0,06	0,78	0,15	1,16	0,61	0,66		0,07	1,78	0,19	5,63	0,1	100
Sp. 110	22,53	66,28	0,06	0,9	0,15	1,37	0,53	0,6	0,04	0,07	1,72		5,65	0,1	100
Sp. 111	18,94	63,07		0,42	0,13	0,66	0,87	4,23		0,1	5,98		5,6		100
Sp. 112	22,39	65,97	0,1	0,64	0,15	0,92	0,94	0,6		0,09	1,79		6,32	0,09	100



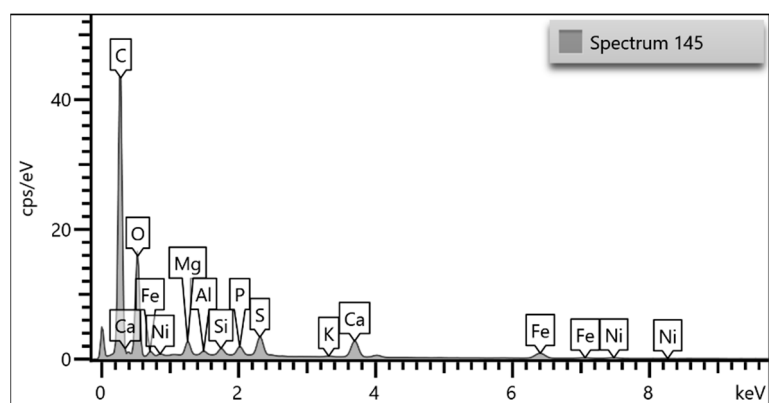
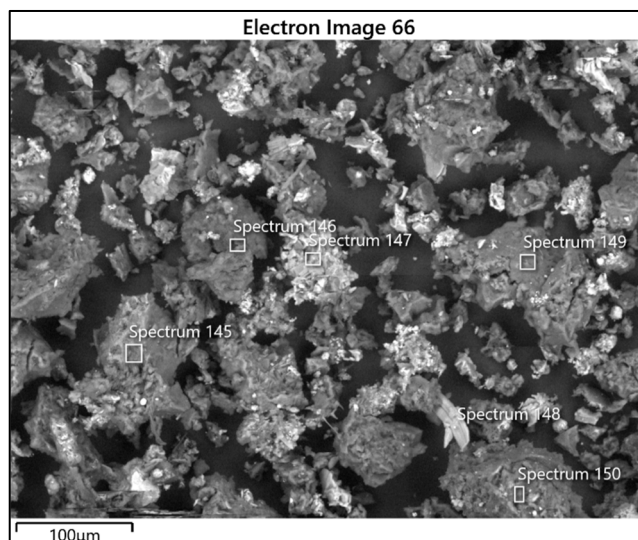
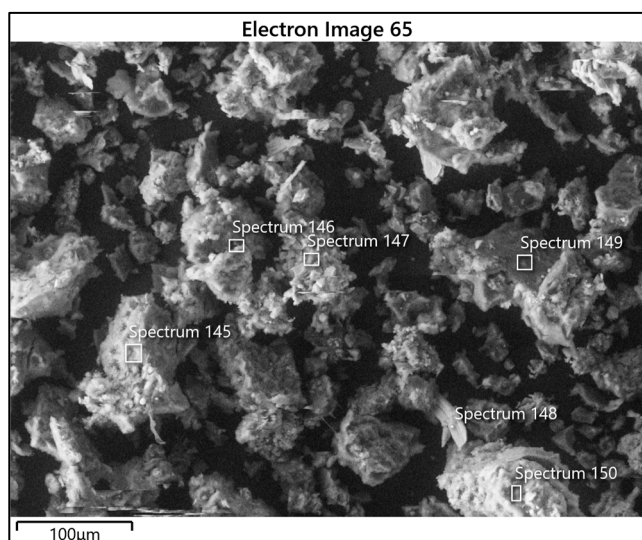


Wt%	C	O	Na	Mg	Al	Si	P	S	Cl	K	Ca	Ti	Fe	Total
Sp. 120	51,37	14,24		0,21	0,18	0,47	0,49	12,75		0,07	1,75		18,47	100
Sp. 121	22,8	66,36	0,05	0,24	0,25	0,53	0,91	0,6	0,04	0,03	1,65		6,54	100
Sp. 122	47,1	31,43		0,44	0,49	0,88	1,72	1,04		0,13	3,26	0,09	13,43	100
Sp. 124	26,3	71,43		0,16	0,08	0,17	0,07	0,23		0,02	0,96		0,57	100



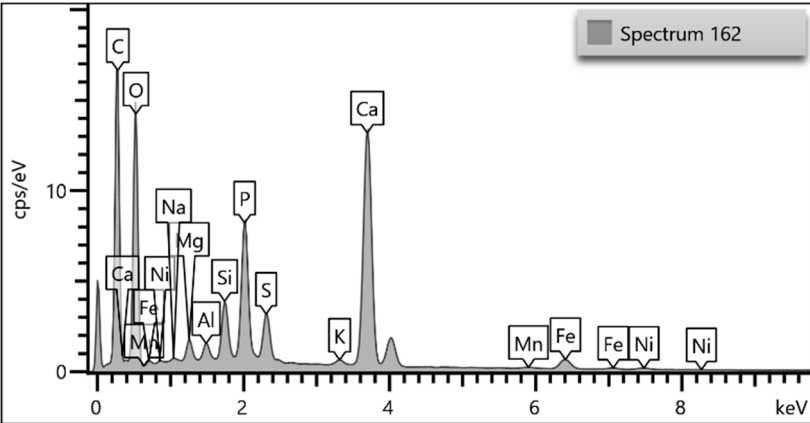
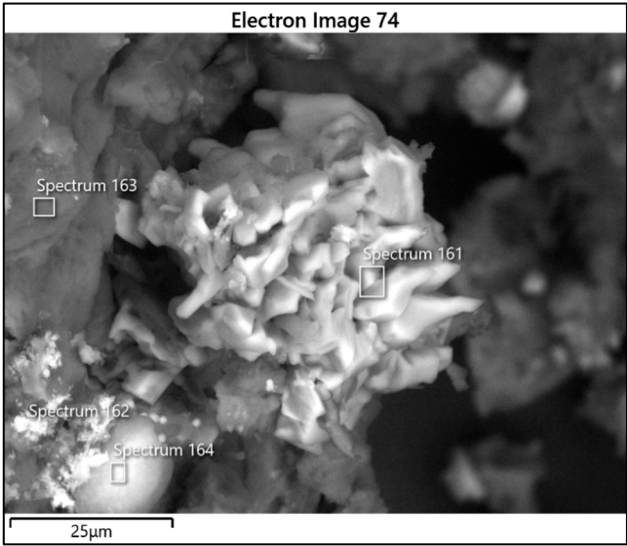
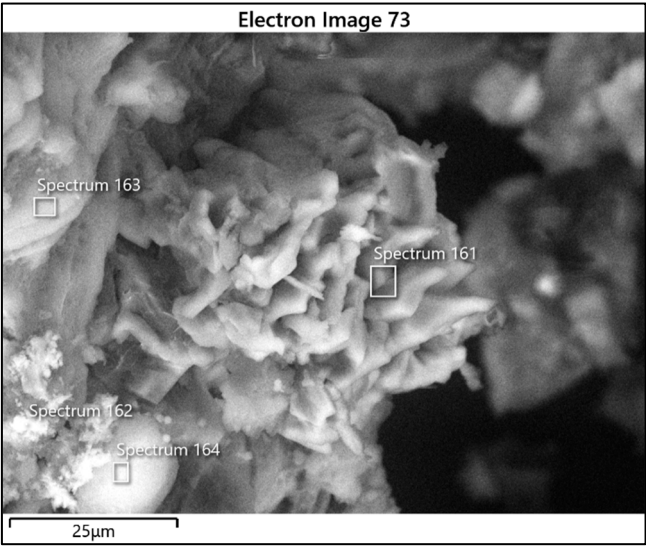
Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Total
Sp. 127	22,99	67,52	1,36	0,54	2,1	0,47	0,3	0,04	0,88		3,8	100

## SAMPLE 4

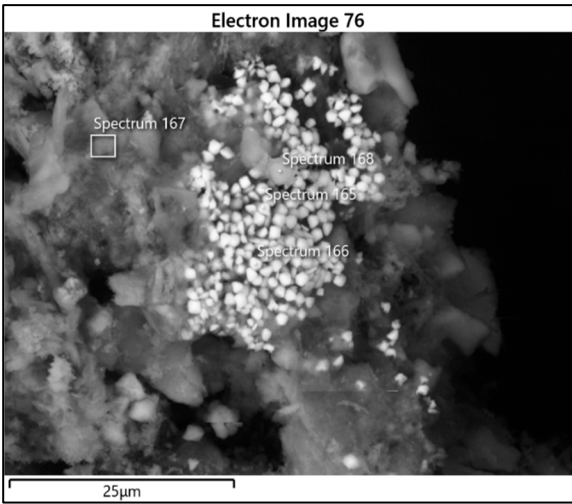
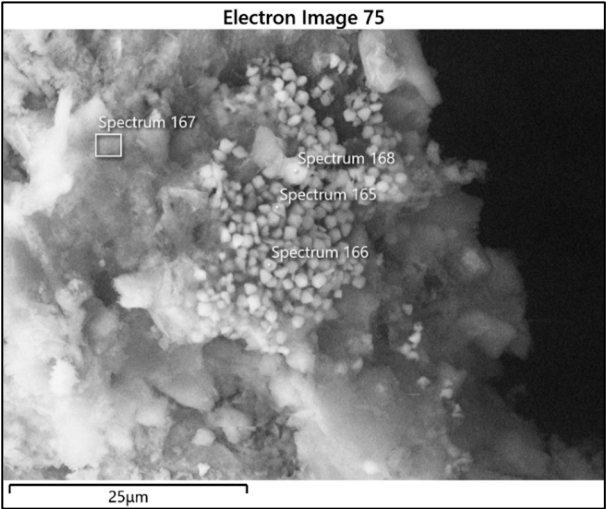


Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Sc	Fe	Ni	Total
Sp. 145	59,37	32,57	0,93	0,24	0,39	0,64	1,47	0,08	1,84		2,03	0,44	100

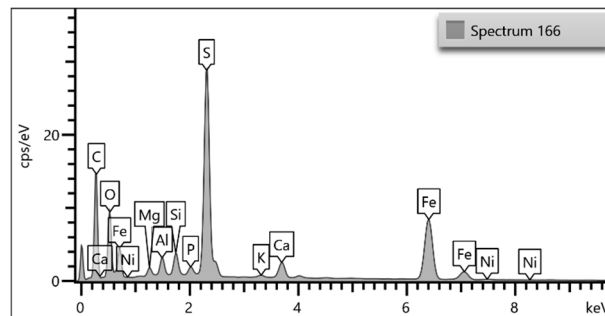
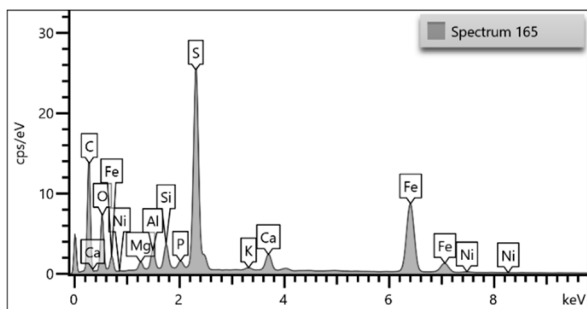
wt%	C	O	Mg	Al	Si	P	S	K	Ca	Fe	Ni	Total
Sp. 157	60,76	30,3	0,87	0,39	0,54	0,1	2,44	0,1	1,09	2,79	0,62	100
Sp. 158	20,2	65,96	0,19	0,09	0,21	0,05	5,86	0,05	6,61	0,6	0,17	100
Sp. 159	21,06	65,68	0,28	0,13	0,39	0,06	3,63	0,06	7,35	1,14	0,23	100
Sp. 160	23,01	68,35	0,44	0,24	2,11	0,16	1,81	0,08	1,14	2,41	0,25	100



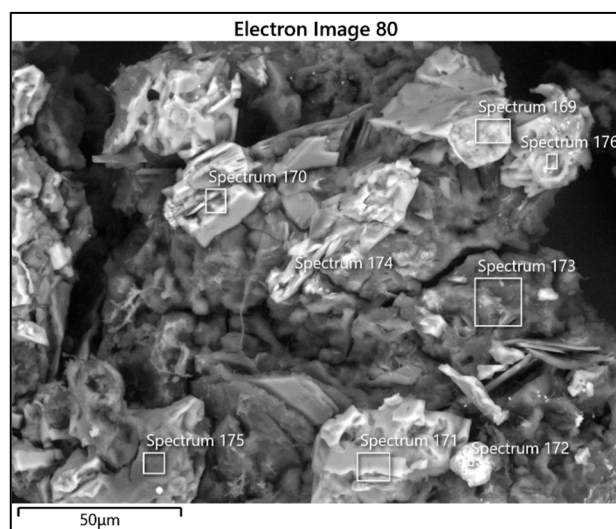
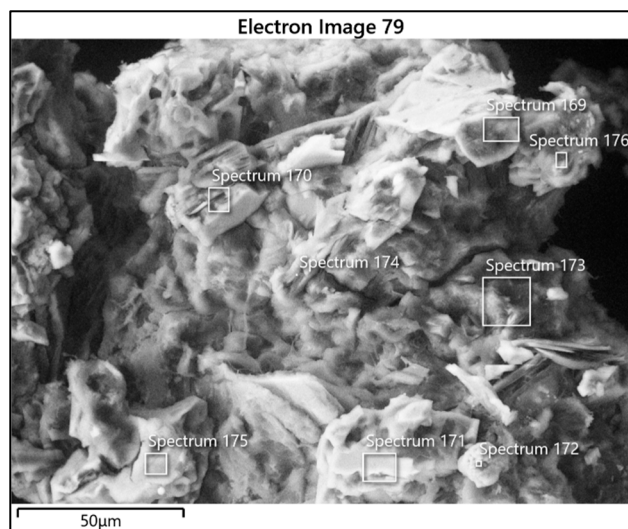
Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Ni	Total
Sp. 162	41,26	36,01	0,11	0,63	0,44	1,51	4,42	1,72	0,2	11,53	0,16	1,68	0,32	100



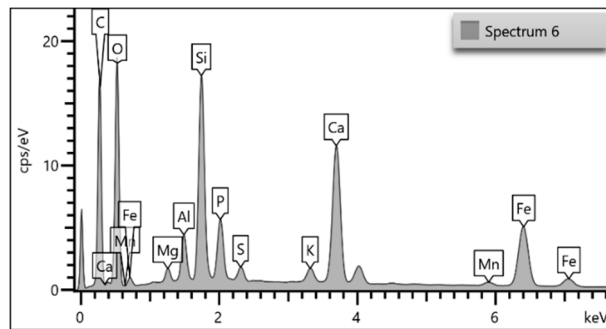
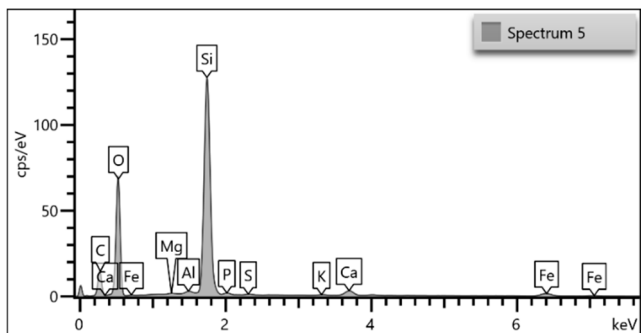
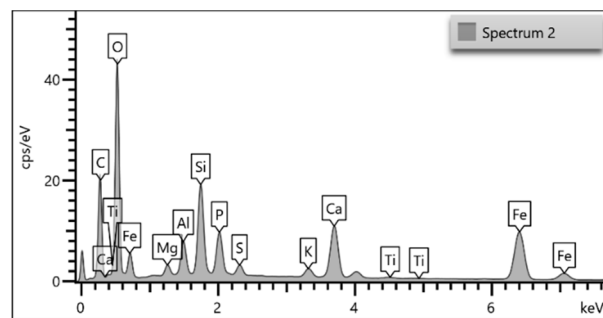
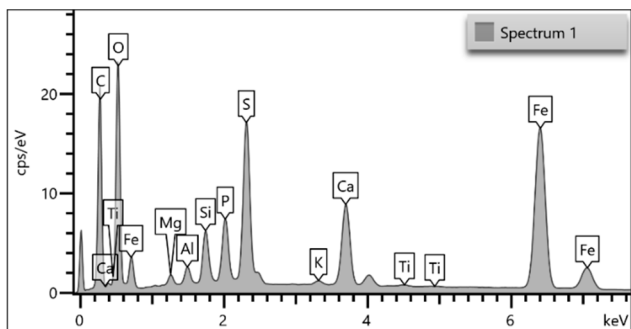
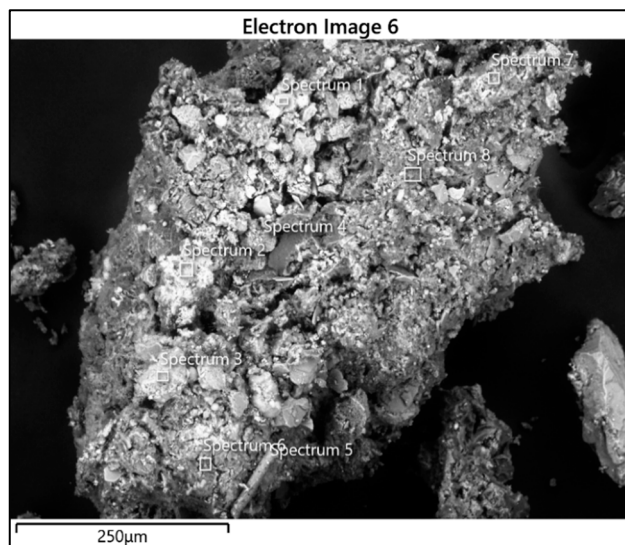
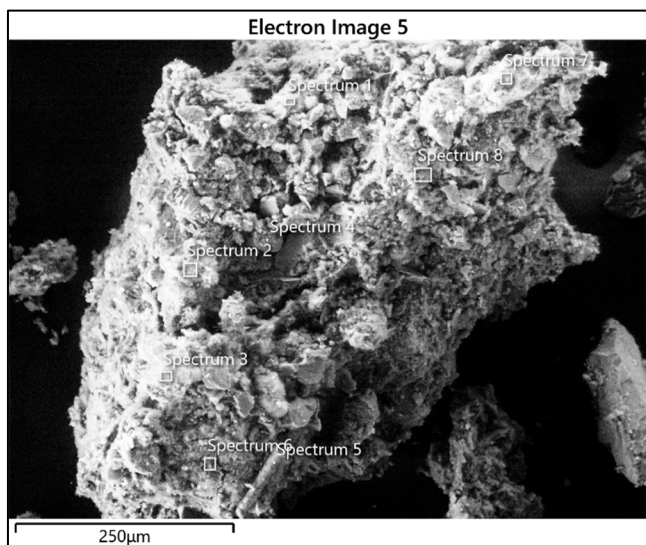




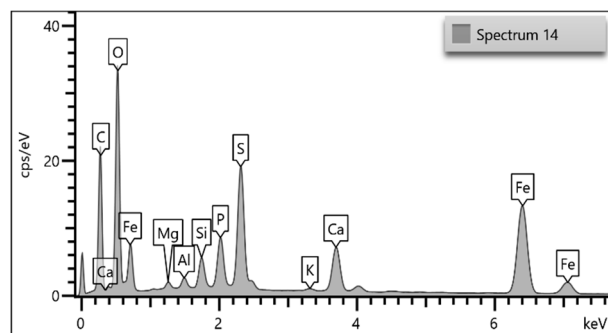
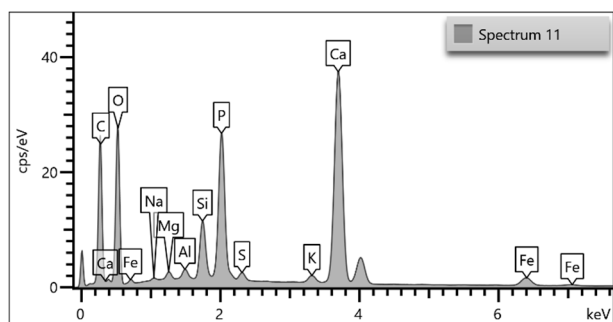
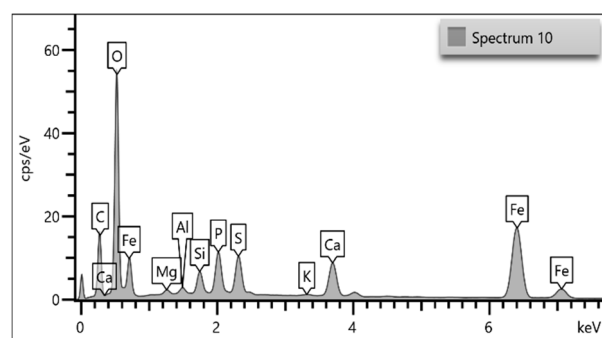
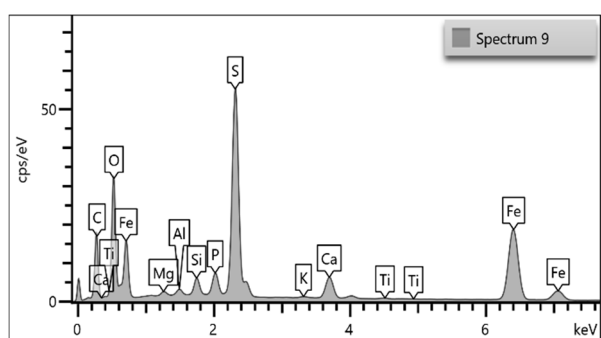
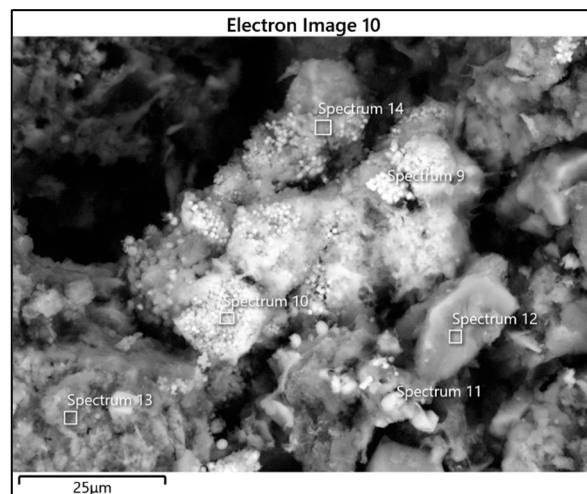
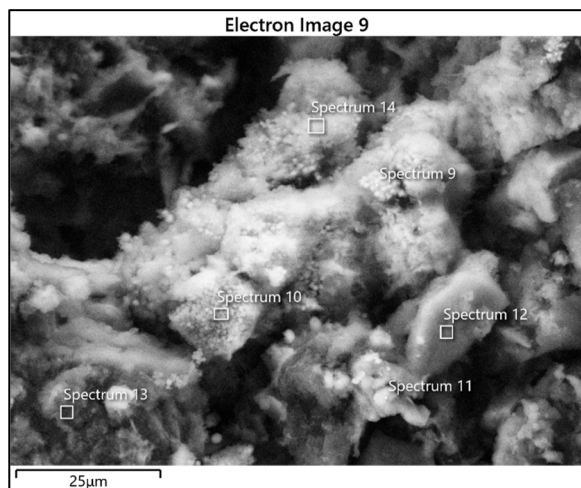
Wt%	C	O	Na	Mg	Al	Si	P	S	Cl	K	Ca	Ti	Fe	Ni	Total
Sp. 165	18,58	63,17		0,27	0,56	0,63	0,21	5,93		0,09	0,75		9,65	0,15	100
Sp. 166	18,68	63,7		0,28	0,52	0,59	0,23	6,31		0,09	0,75		8,73	0,12	100



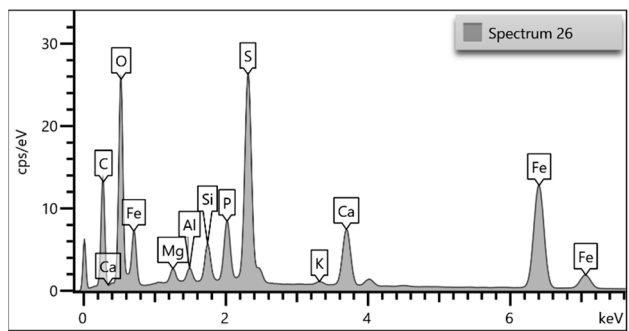
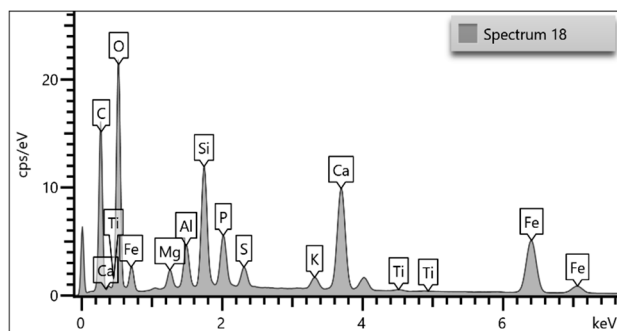
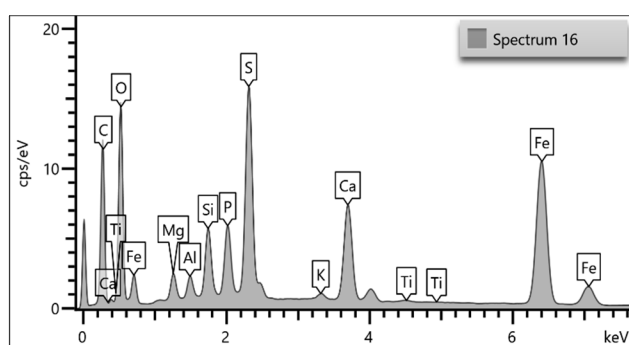
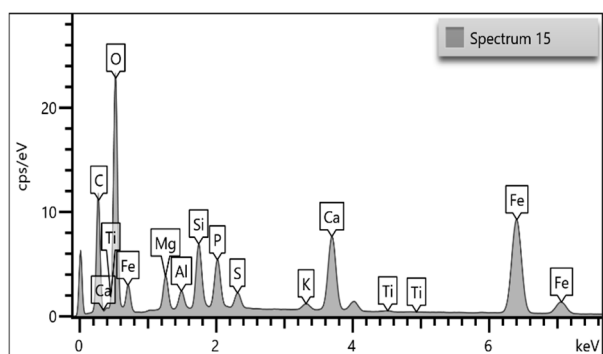
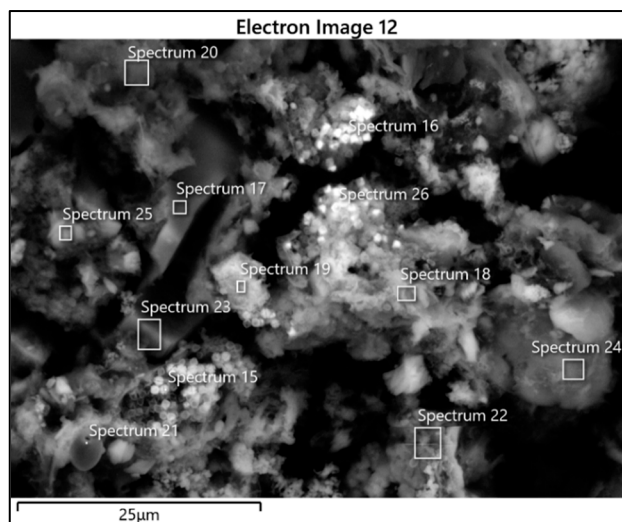
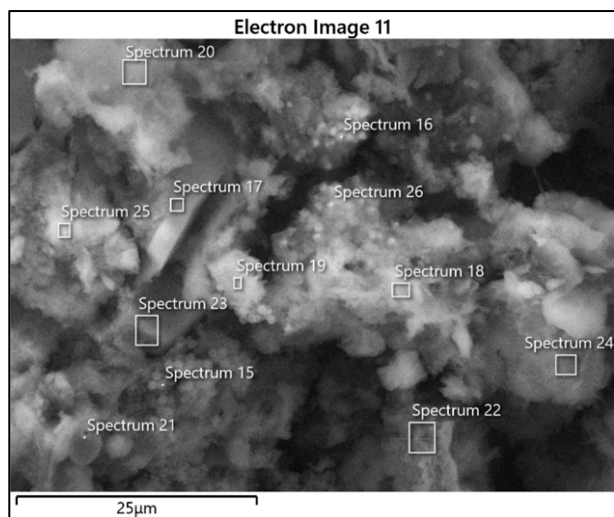
## SAMPLE 5



Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Ti	Mn	Fe	Total
Sp. 1	17,85	59,97		0,23	0,31	0,86	1,17	2,99	0,11	2,36	0,06		14,1	100
Sp. 2	18,71	61,64		0,48	1,25	3,11	1,71	0,43	0,46	3,21	0,08		8,93	100
Sp. 5	16,31	64,15		0,06	0,17	17,13	0,2	0,08	0,07	0,72			1,11	100
Sp. 6	19,25	62,59		0,34	0,92	3,76	1,34	0,31	0,41	4,68		0,33	6,07	100

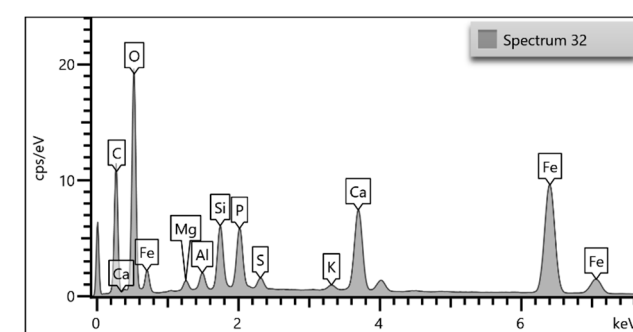
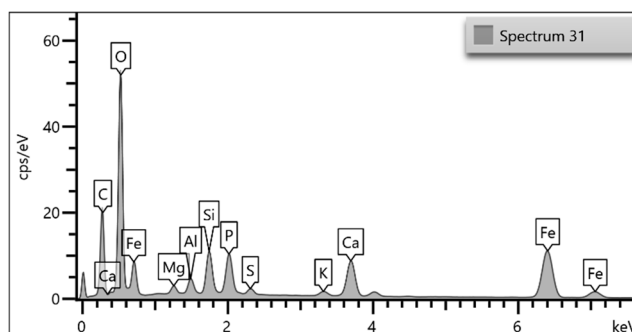
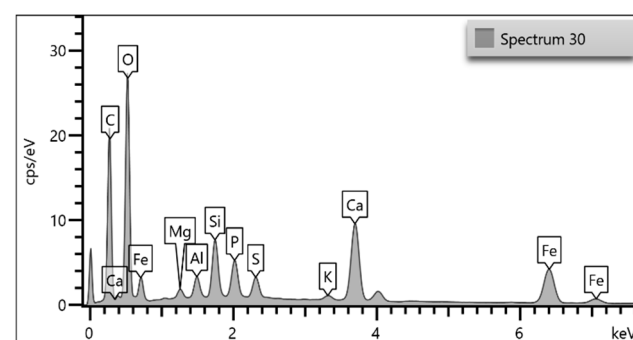
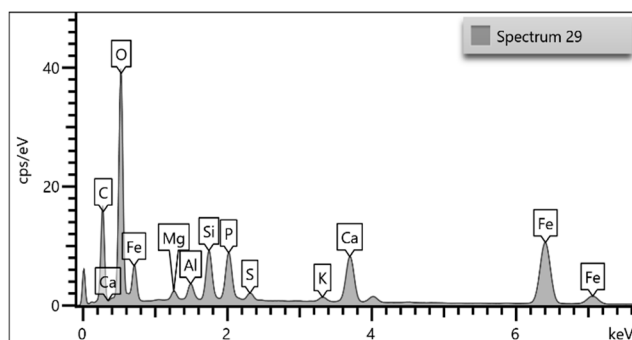
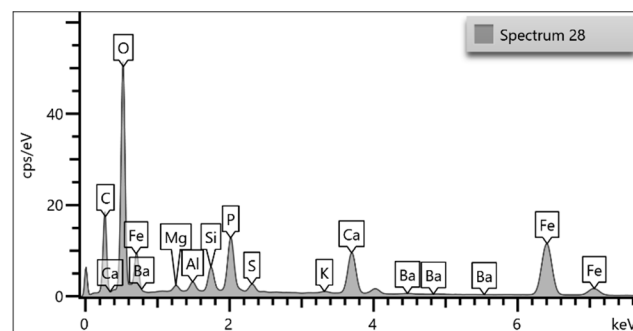
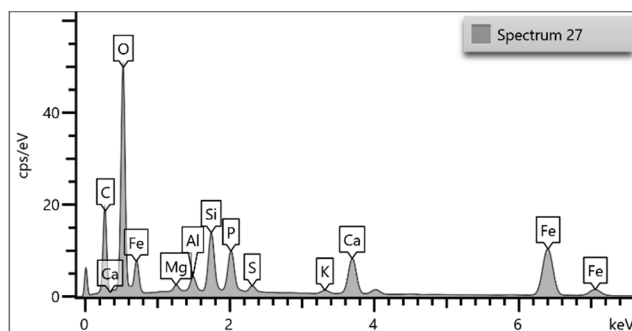
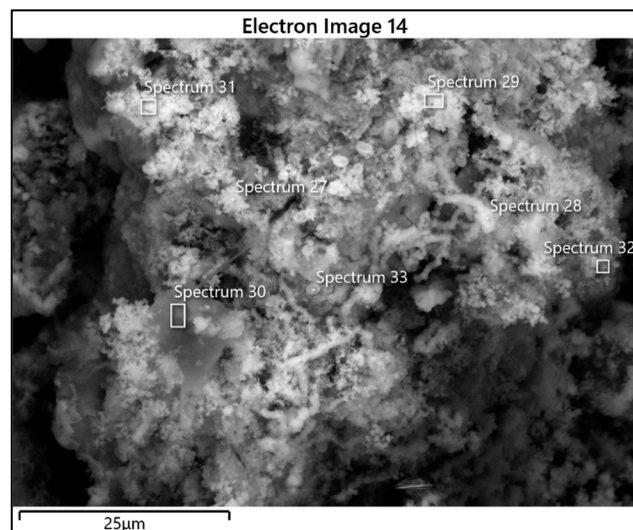
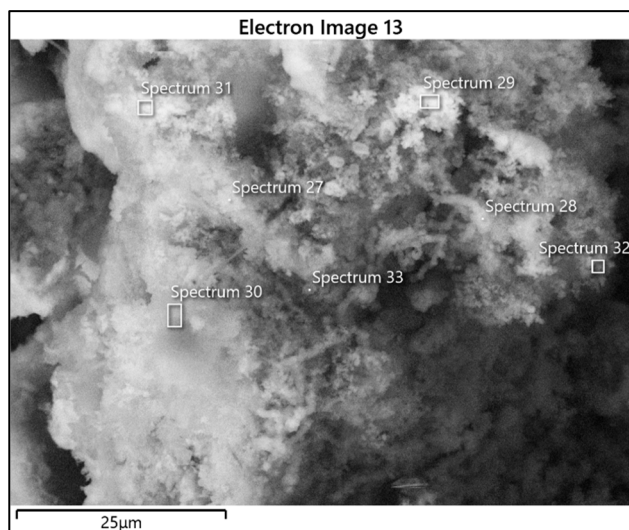


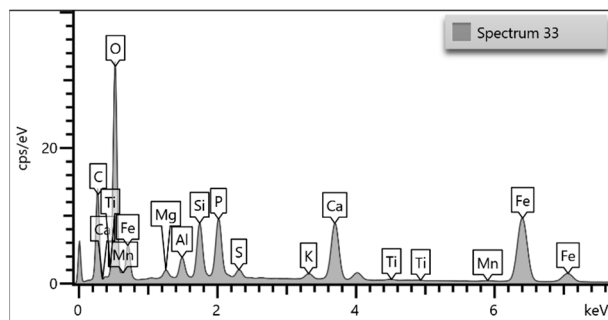
Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Ti	Fe	Total
Sp. 9	15,76	60,18		0,17	0,2	0,57	0,82	7,95	0,07	1,29	0,07	12,91	100
Sp. 10	16,51	57,56		0,28	0,3	1,04	2,18	2,05	0,07	2,73		17,28	100
Sp. 11	0,93	50,26	0,3	0,65	0,65	3,87	11,44	0,71	0,79	27,5		2,9	100
Sp. 14	18,78	61,98		0,21	0,27	0,72	1,33	3,34	0,09	1,89		11,39	100



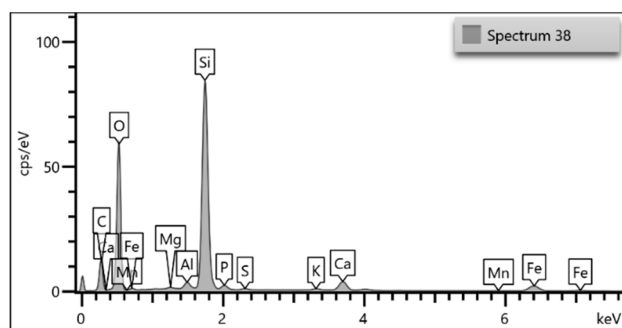
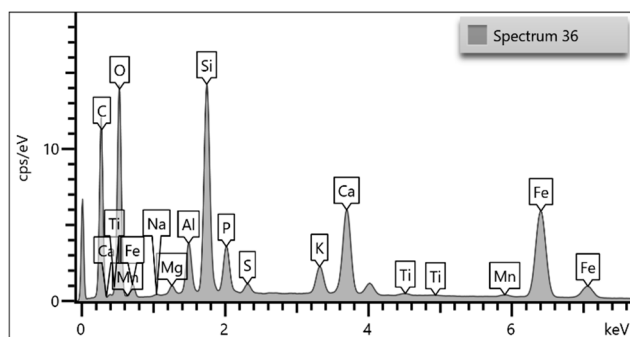
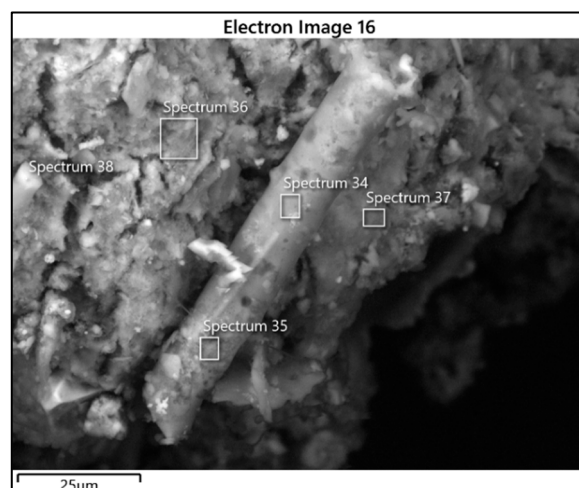
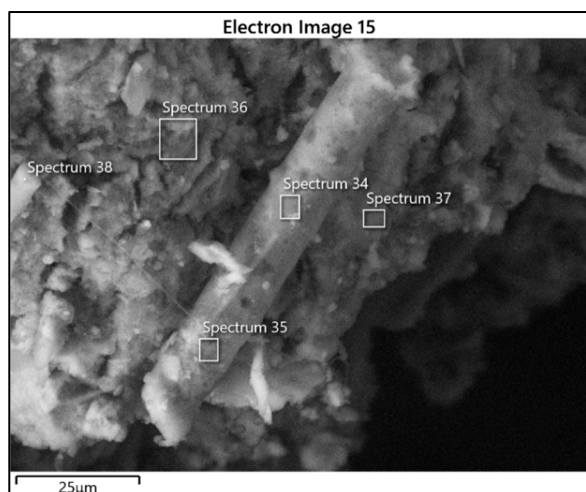
Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Ti	Fe	Total
Sp. 15	17,65	58,79		1,29	0,56	1,85	1,59	0,51	0,26	3,64	0,07	13,78	100
Sp. 16	16,92	59,74		0,59	0,41	1,14	1,34	4,01	0,15	2,88	0,06	12,75	100
Sp. 18	1,19	46,37		1,7	3,24	8,64	4,41	1,74	1,3	12,45	0,25	18,71	100
Sp. 26	16,48	60,04		0,41	0,35	0,85	1,55	5,38	0,12	2,31		12,52	100



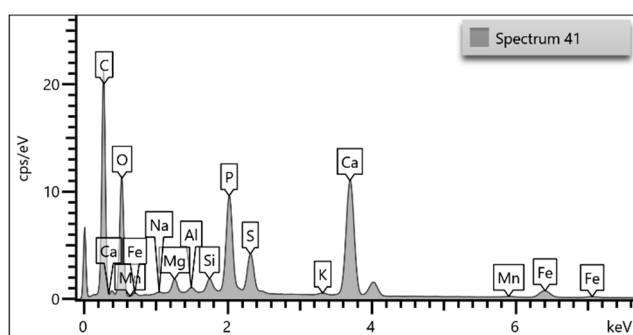
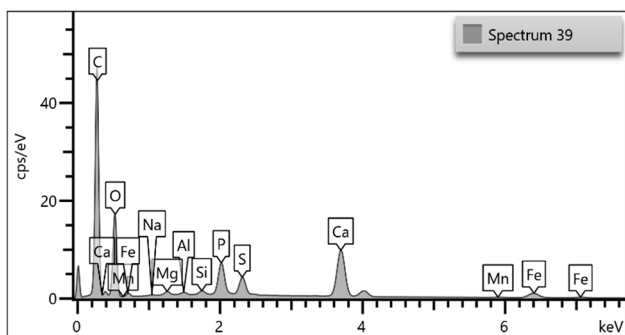
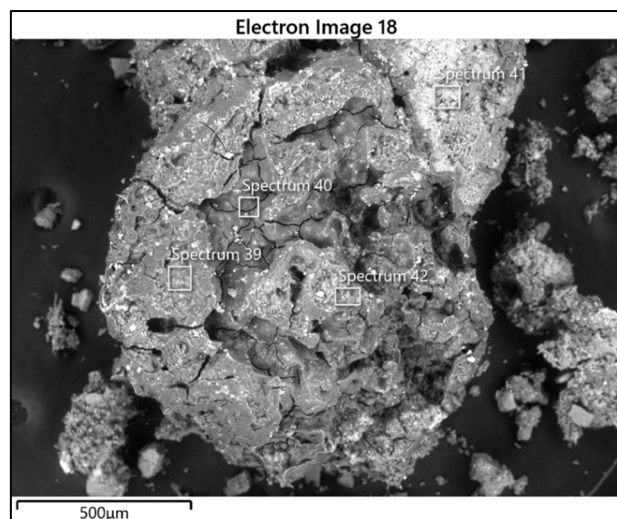
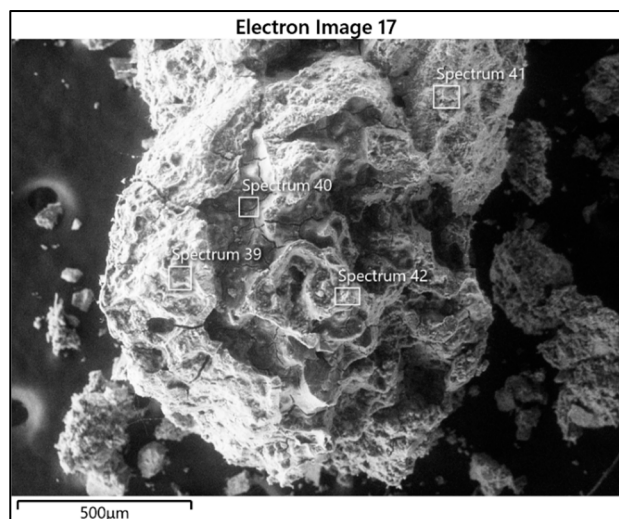




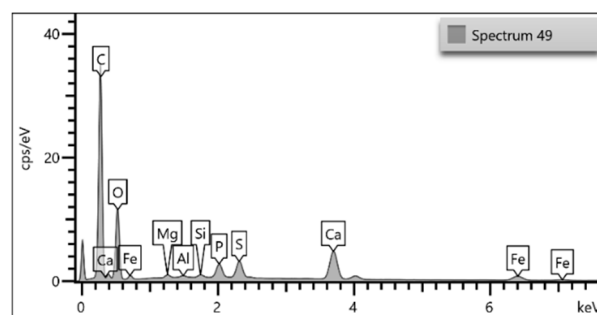
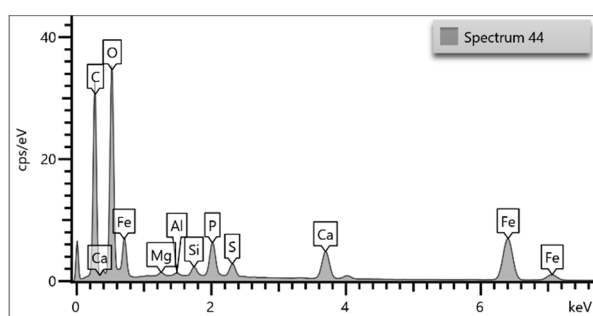
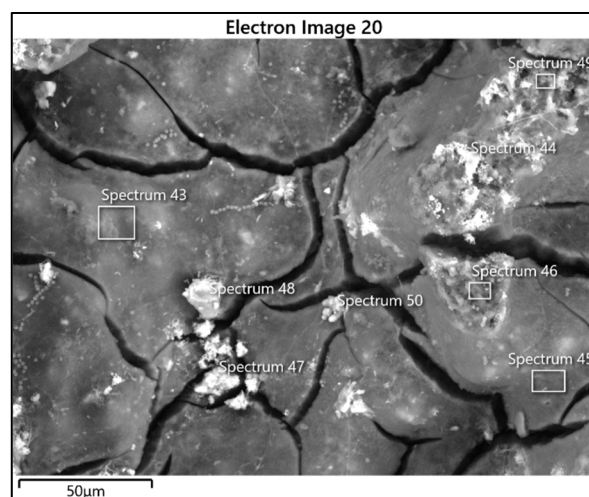
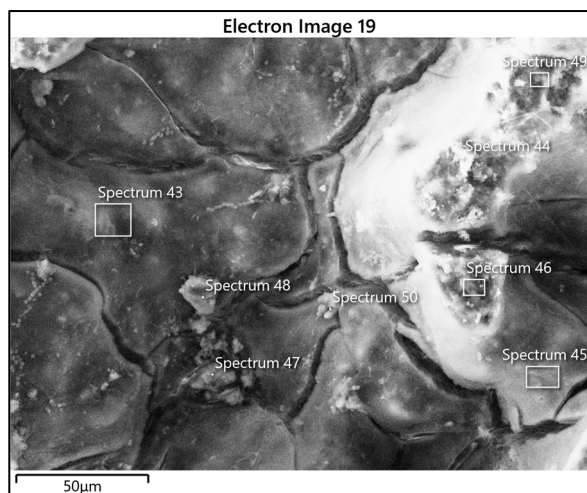
Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Ti	Mn	Fe	Ba	Total
Sp. 27	0,87	50,7	0,99	1,78	6,64	5,31	0,84	0,58	6,71			25,57		100
Sp. 28	18,44	60,21	0,37	0,45	1,1	2,74	0,44	0,11	3,33			12,65	0,17	100
Sp. 29	0,83	47,05	1,23	1,77	5,04	5,45	0,87	0,67	7,56			29,53		100
Sp. 30	1,36	54,42	1,1	2,11	5,41	3,97	2,32	0,64	12,56			16,09		100
Sp. 31	0,89	50,74	1,26	1,94	5,01	5,37	0,82	0,74	6,82			26,42		100
Sp. 32	0,83	36,99	1,07	1,47	4,88	5,25	0,98	0,53	9,74			38,26		100
Sp. 33	0,76	45,03	0,94	2,17	5,17	6,34	0,93	0,76	8,75	0,21	0,22	28,71		100



Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Ti	Mn	Fe	Total
Sp. 36	18,44	61,01	0,06	0,22	1,09	4,19	1,09	0,22	0,87	3,08	0,1	0,19	9,44	100
Sp. 38	0,72	56,05		0,24	0,95	32,59	1,03	0,3	0,4	2,9		0,19	4,62	100

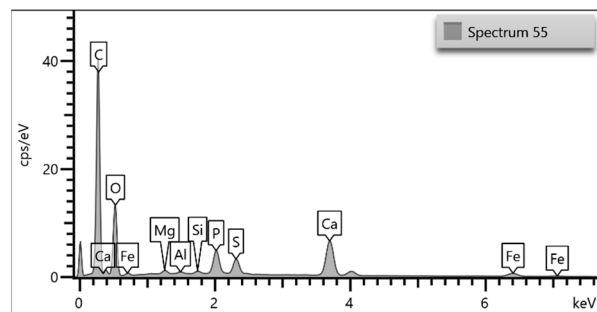
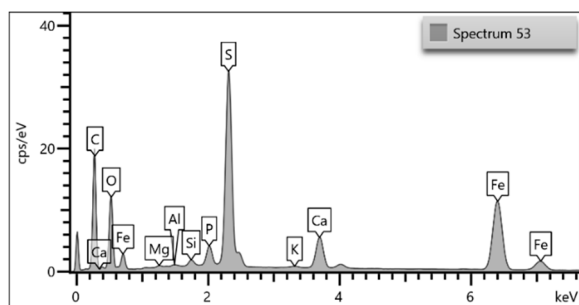
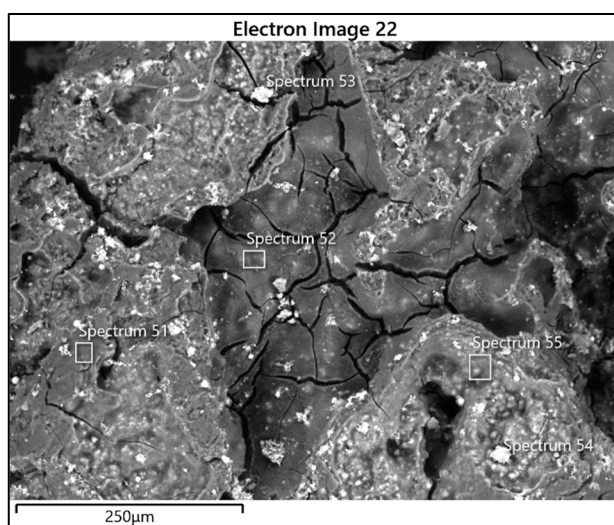
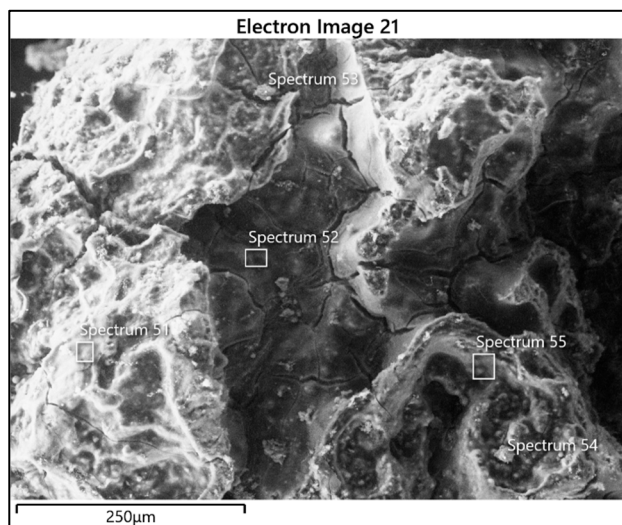


Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Total
Sp. 39	24,69	69,73	0,04	0,13	0,08	0,1	1,09	0,63		2,7	0,05	0,77	100
Sp. 41	2,38	51,14	0,28	1,76	0,53	1,23	11,01	4,95	0,31	22,43	0,29	3,7	100
Sp. 42	3,44	54,58		0,89	0,88	1,58	5,99	4,81	0,24	16,86		10,72	100

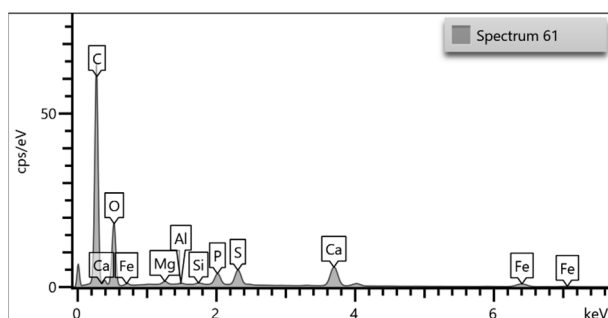
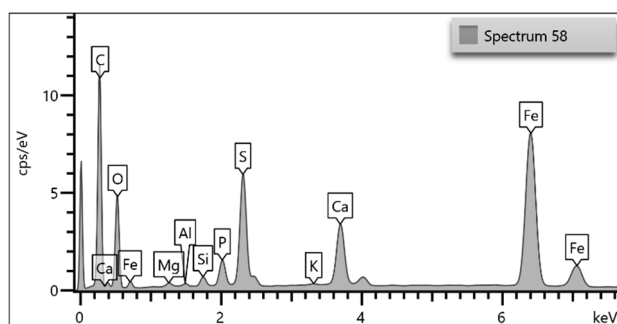
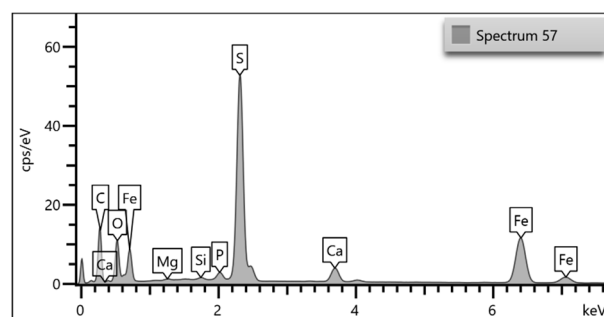
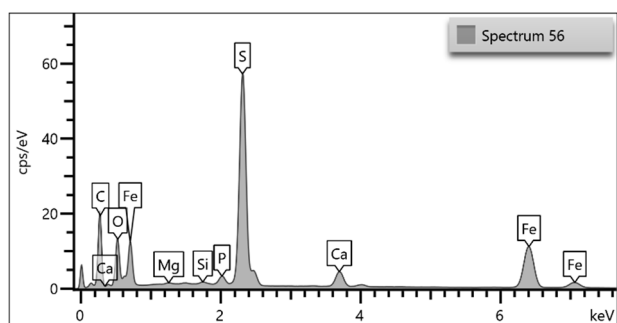
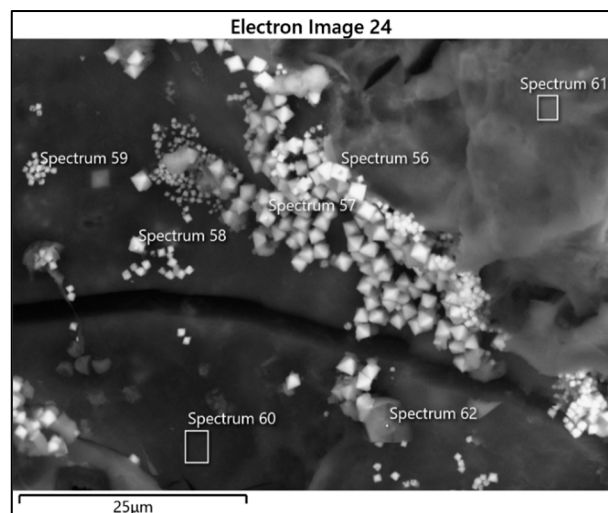
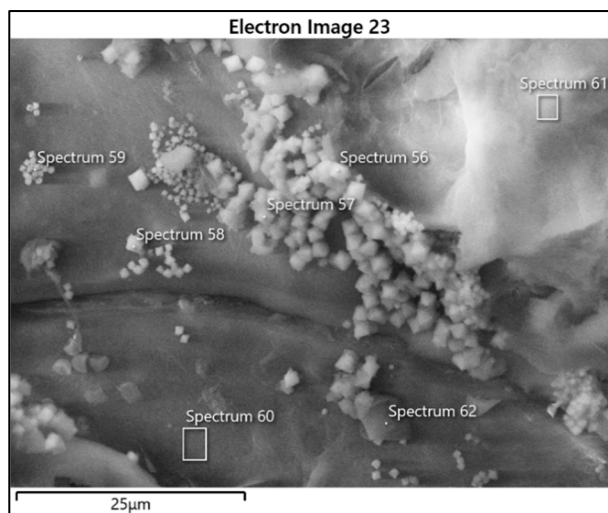


Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Total
Sp. 44	22,8	66,18	0,14	0,09	0,27	1,19	0,47		1,55		7,3	100
Sp. 49	4,74	61,78	1,08	0,44	0,71	4,31	5,54		14,76		6,63	100

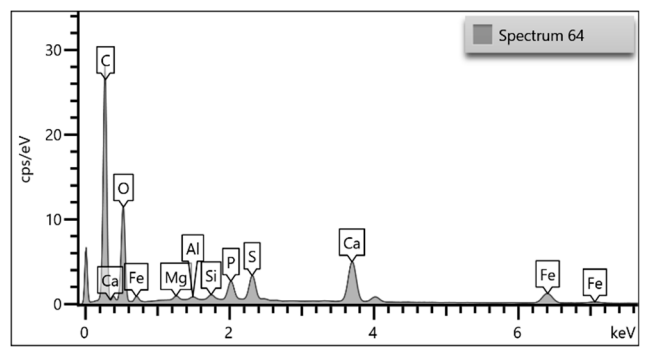
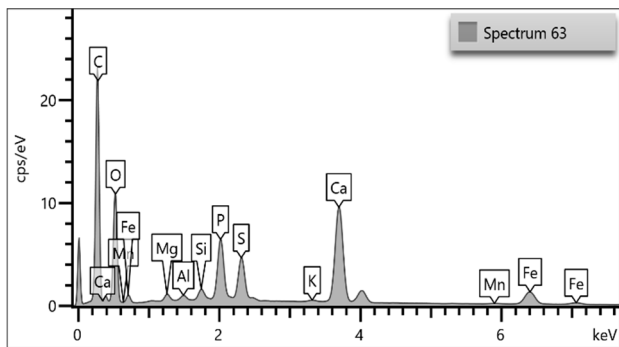
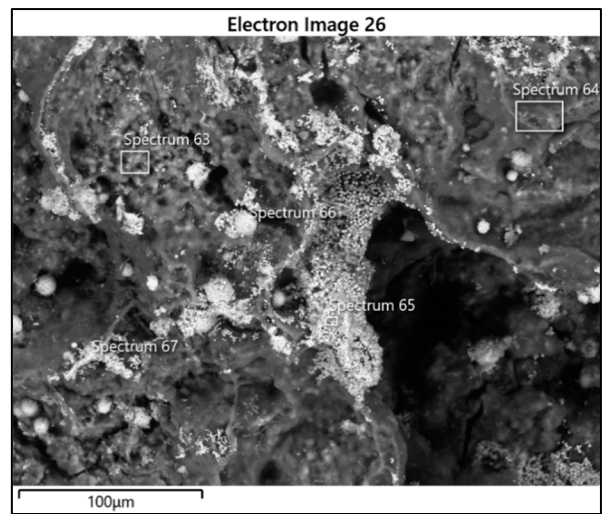
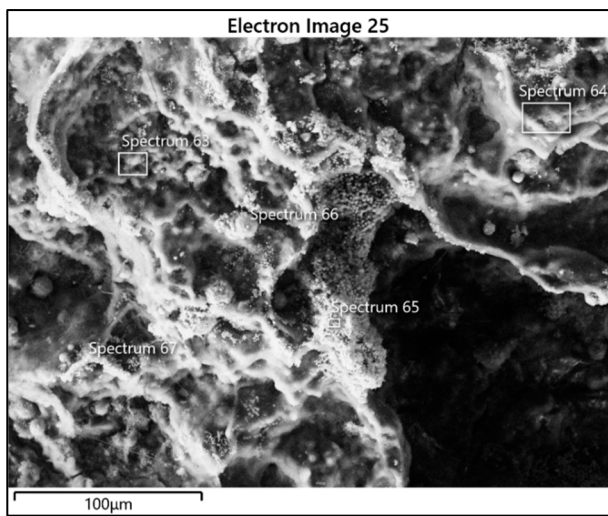




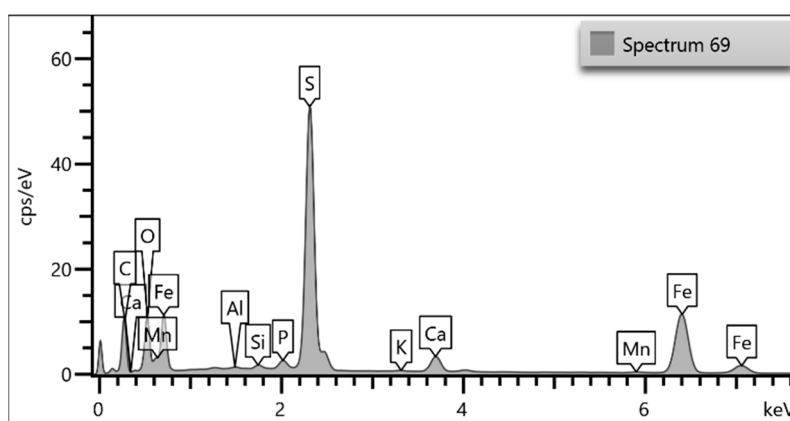
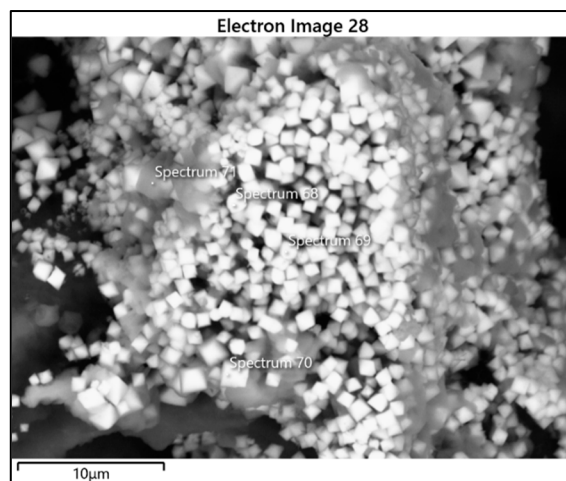
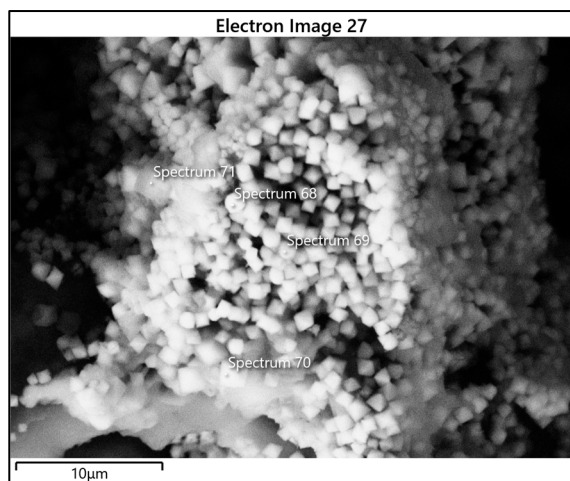
Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Fe	Total
Sp. 53	2,14	24,56	0,27	0,17	0,66	2,42	24,6	0,23	6,23	38,7	100
Sp. 55	4,45	61,13	1,11	0,42	0,63	6,58	4,67		16,7	4,31	100



Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Total
Sp. 56	17,7	63,64	0,06		0,06	0,33	8,77		1,03		8,41	100
Sp. 57	16,12	61,82	0,07		0,08	0,34	9,92		1,09		10,56	100
Sp. 58	1,9	18,2	0,43	0,27	0,83	2,41	10,15	0,13	7,98		57,71	100
Sp. 61	6,12	63,76	1,34	0,35	0,47	4,29	6,1		12,38		5,19	100



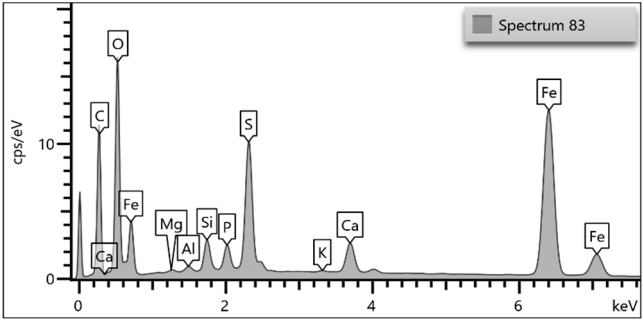
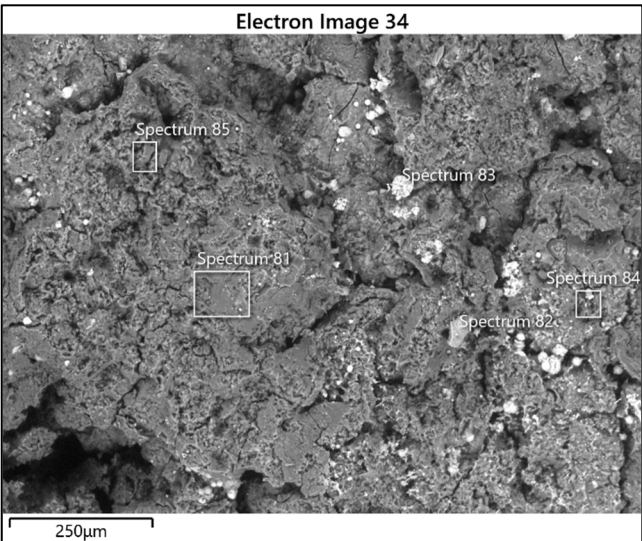
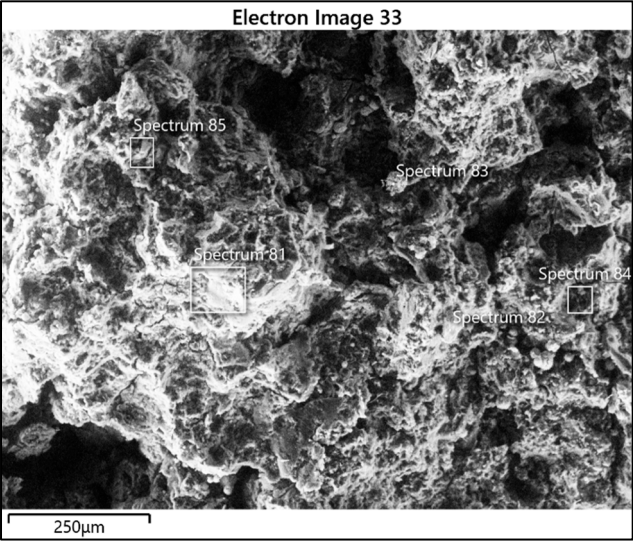
Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Total
Sp. 63	22,97	67,71	0,2	0,12	0,23	1,6	1,17	0,05	4,25	0,06	1,63	100
Sp. 64	24,68	69,56	0,16	0,09	0,13	0,63	0,86		2,27		1,62	100



Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Total
Sp. 69	15,09	60,74		0,06	0,13	0,32	10,77	0,05	1,01	0,14	11,69	100

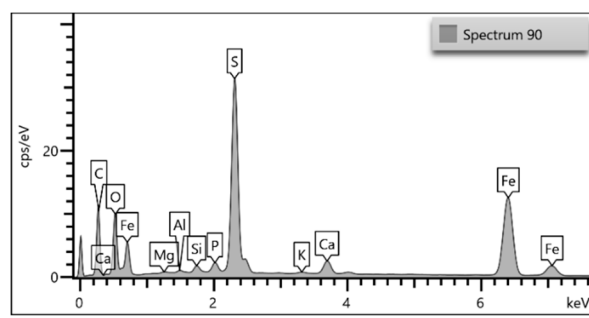
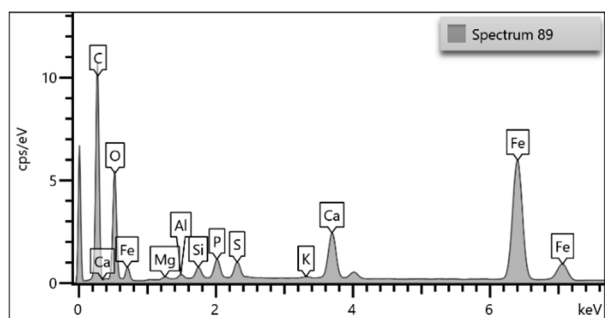
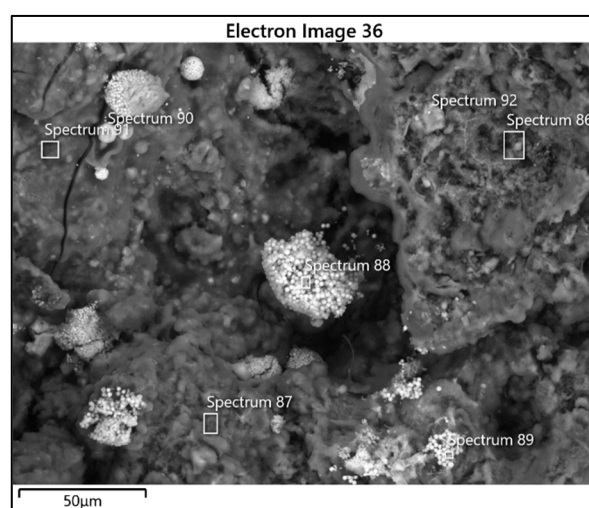
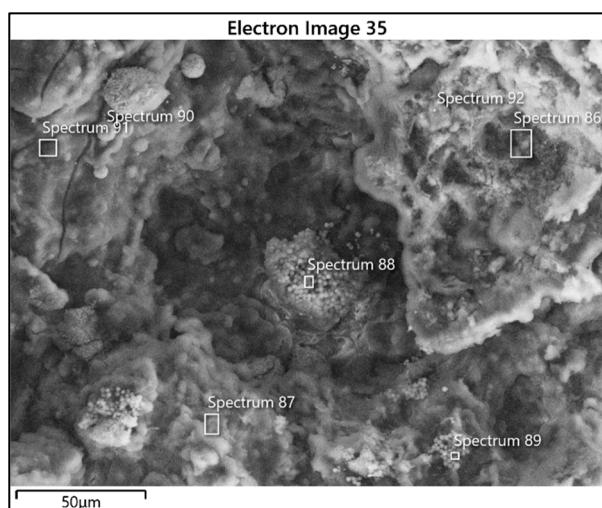


SAMPLE 6

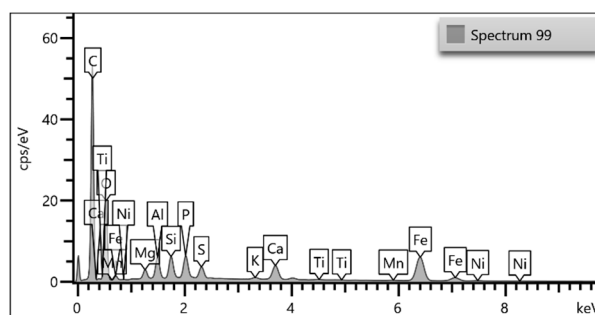
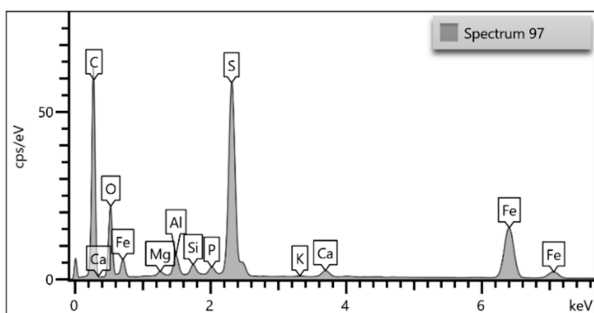
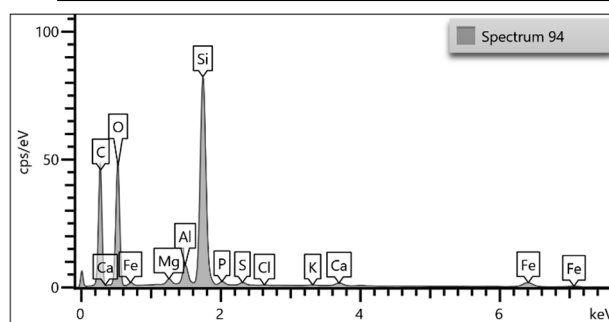
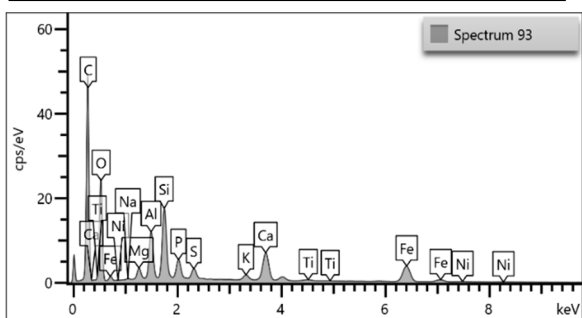
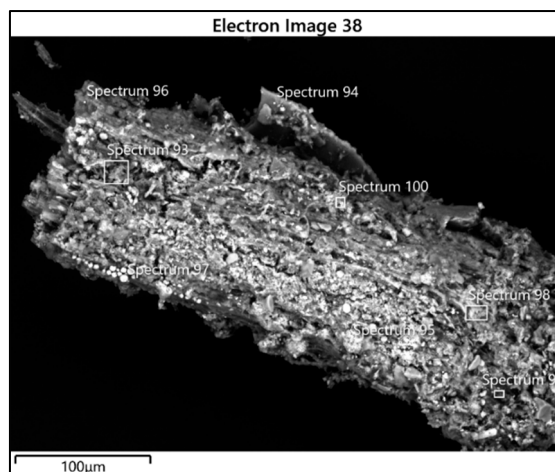
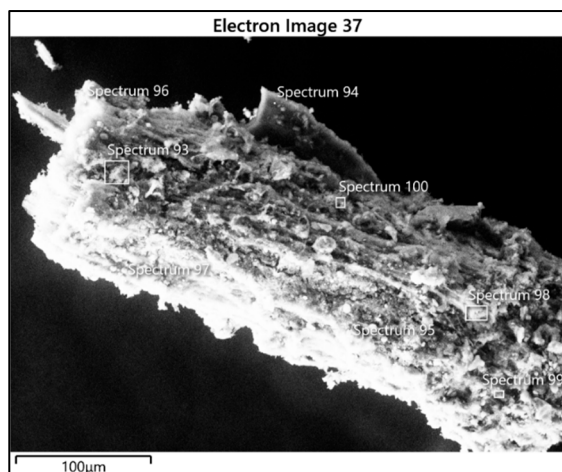


Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Total
Sp. 83	17,29	58,23		0,06	0,11	0,66	0,61	3,11	0,05	1,09		18,79	100

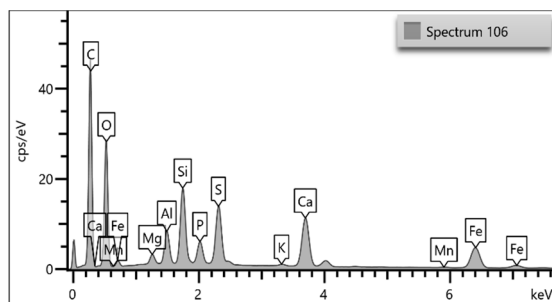
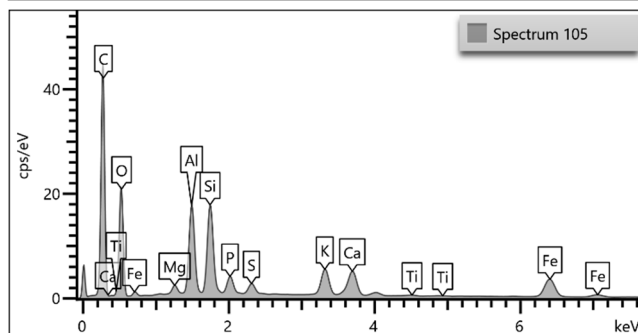
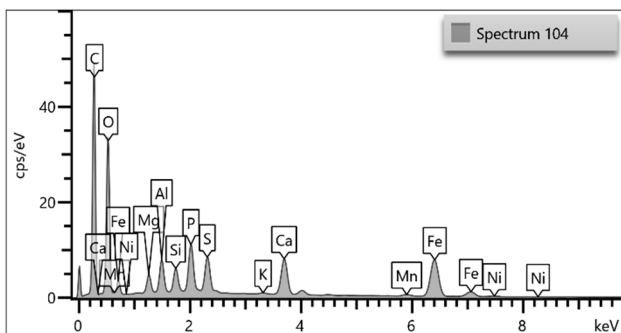
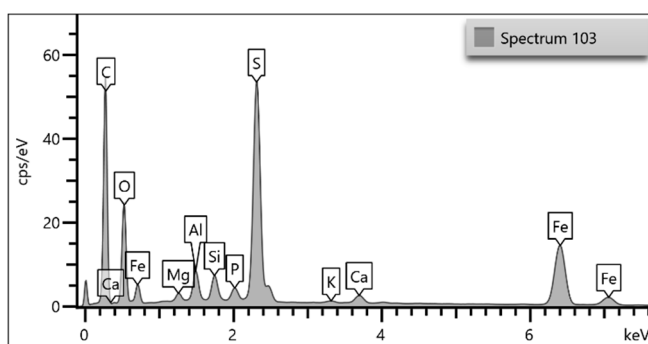
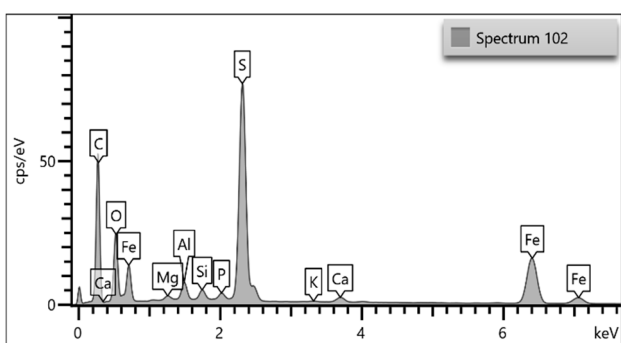
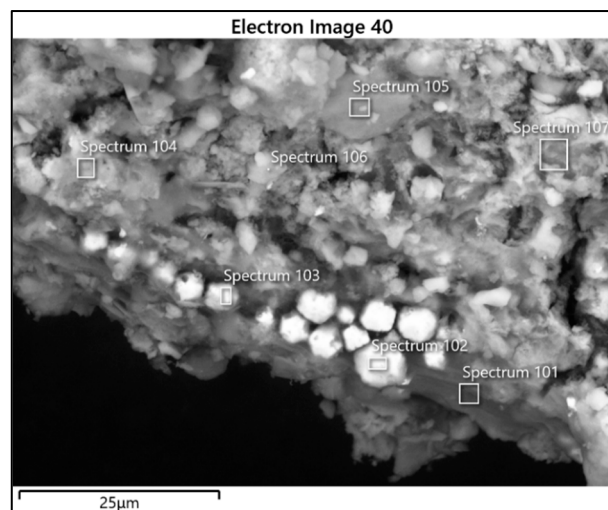
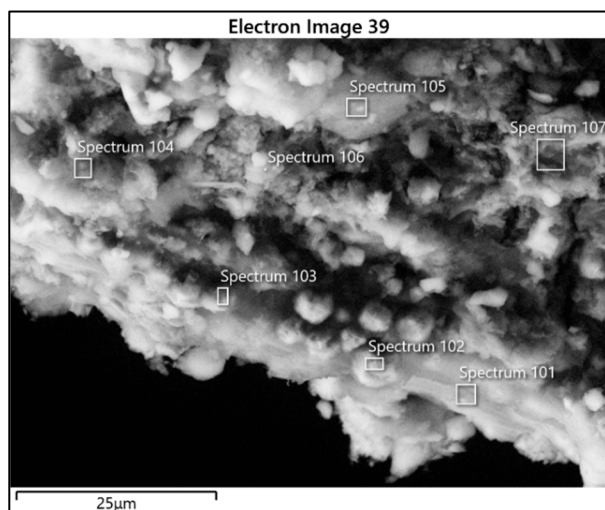




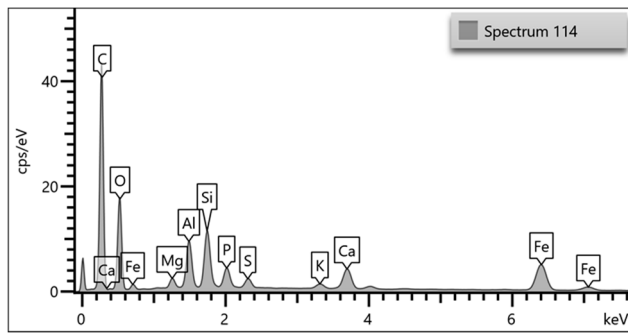
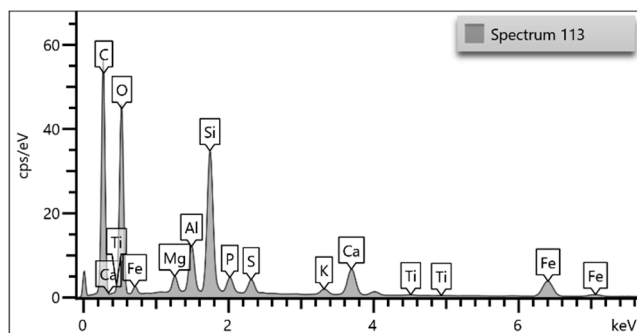
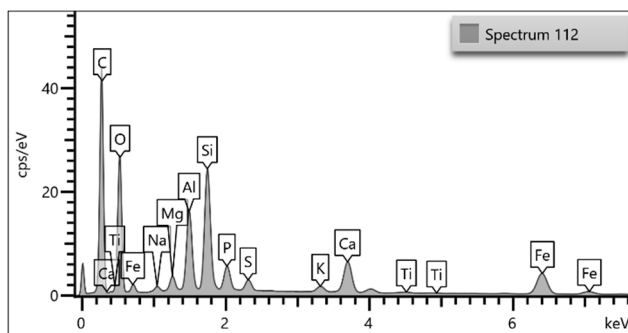
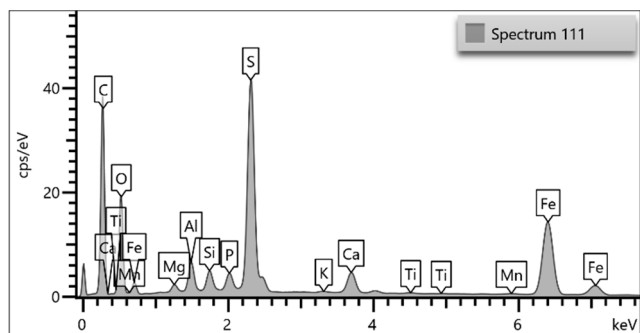
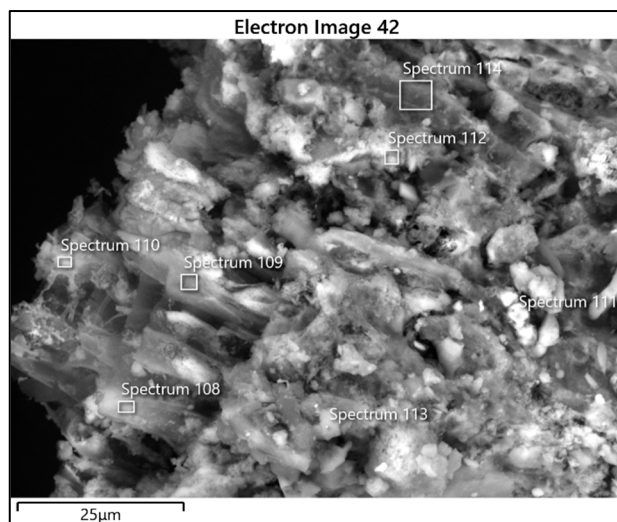
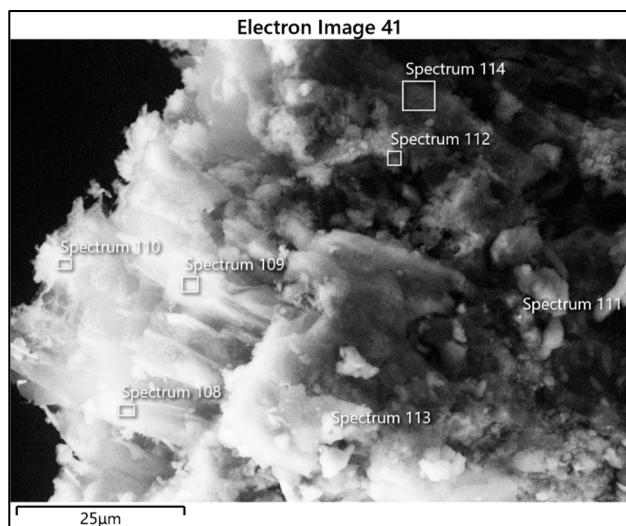
Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Fe	Total
Sp. 89	1,9	23,67		0,44	0,59	1,3	2,4	1,95	0,25	7,75	59,74	100
Sp. 90	16,18	59,9		0,05	0,08	0,22	0,36	7,64	0,07	0,82	14,68	100



Wt%	C	O	Na	Mg	Al	Si	P	S	Cl	K	Ca	Ti	Mn	Fe	Ni	Ba	Total
Sp. 93	23,33	68,21	0,05	0,36	1,34	1,85	0,57	0,32		0,21	1,34	0,06		2,31	0,06		100
Sp. 94	22,21	68,58		0,23	0,67	7,04	0,15	0,11	0,03	0,03	0,18			0,77			100
Sp. 97	21,81	67,18		0,1	0,43	0,19	0,16	4,35		0	0,22			5,56			100
Sp. 99	24,11	68,6		0,32	0,64	0,61	0,7	0,38		0,07	0,71	0,03	0,04	3,69	0,08		100

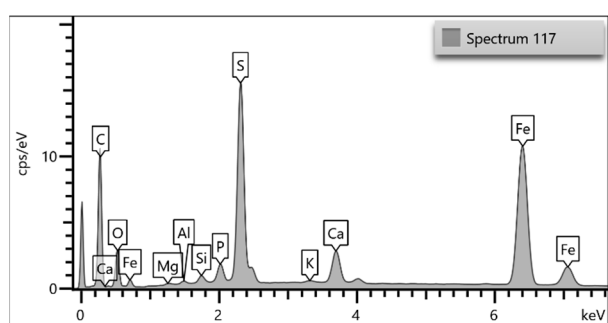
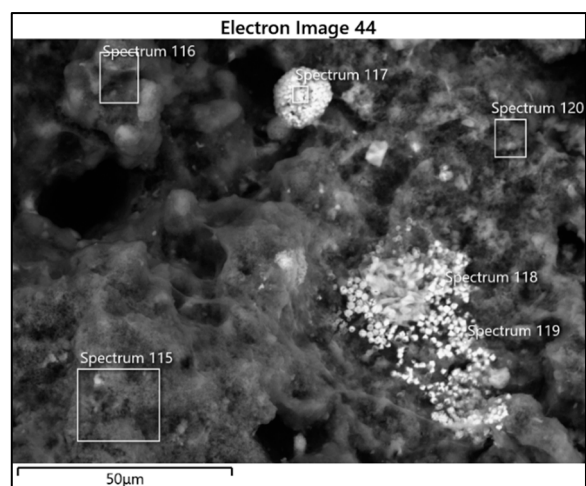
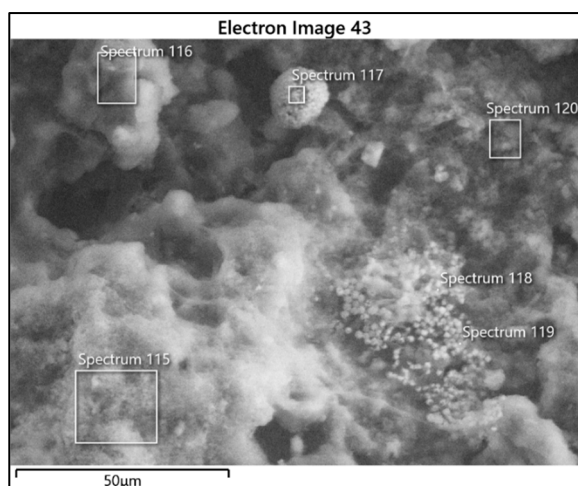


Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Ti	Mn	Fe	Ni	Total
Sp. 102	20,58	66,35		0,11	0,45	0,22	0,17	5,85	0,03	0,21			6,04		100
Sp. 103	21,36	66,69		0,18	0,56	0,43	0,24	4,4	0,05	0,25			5,85		100
Sp. 104	3,01	44,18		2,83	4,37	2,91	6,6	5,12	0,23	7,43		0,82	21,99	0,5	100
Sp. 105	22,92	67,7		0,24	2,14	2,03	0,45	0,27	0,96	1	0,05		2,24		100
Sp. 106	3,15	45,87		1,39	4,16	9,15	3,29	8,61	0,33	10,75		0,35	12,94		100

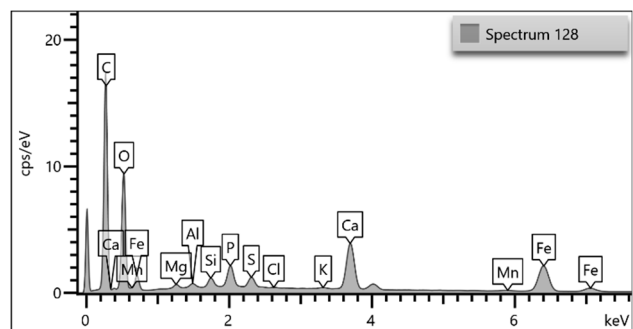
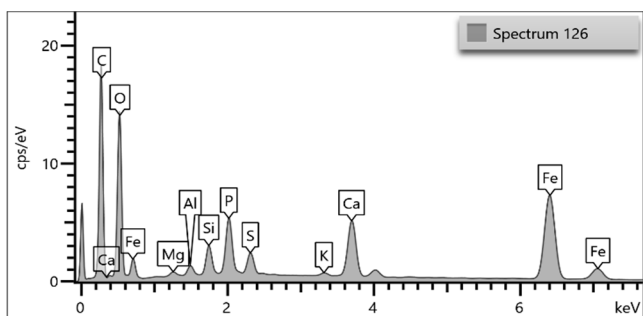
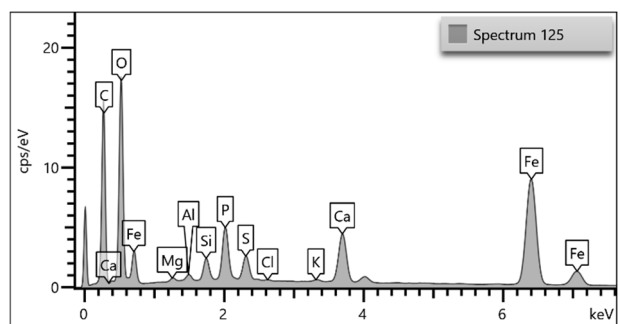
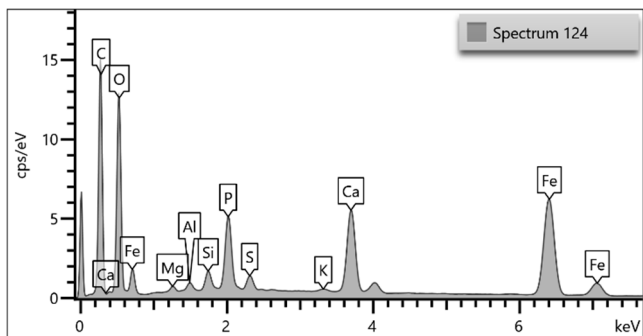
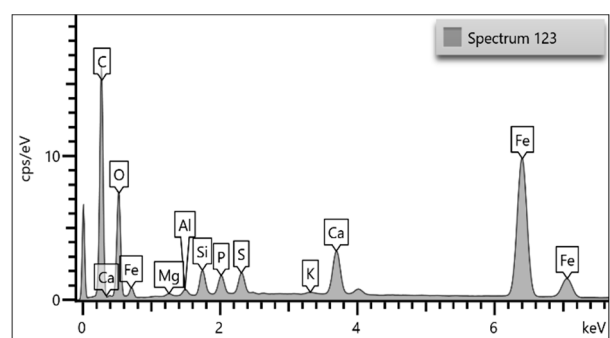
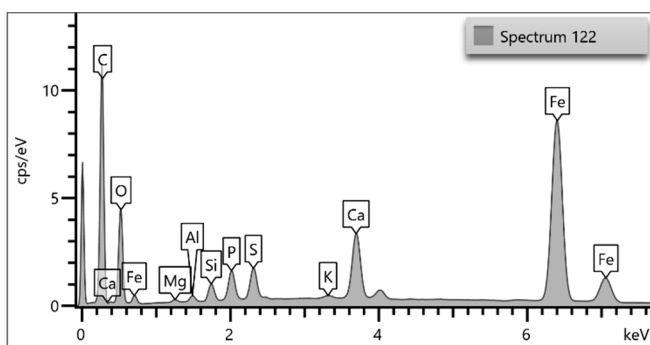
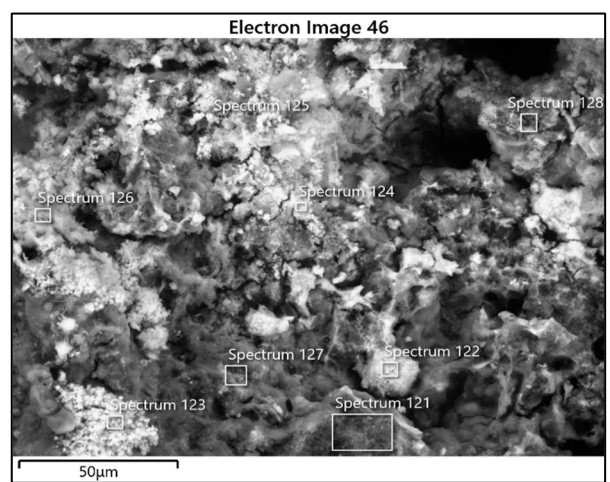
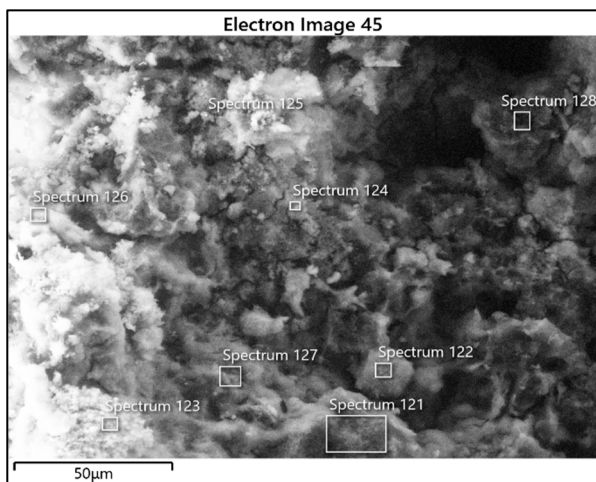


Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Ti	Mn	Fe	Ba	Total
Sp. 111	20,45	65,2		0,17	0,6	0,37	0,35	4,49	0,03	0,69	0,04	0,05	7,56		100
Sp. 112	3,39	43,32	0,88	1,95	9,47	14,97	3,85	1,73	1,08	6,61	0,19		12,58		100
Sp. 113	3,22	52,49		2,17	5,42	16,42	2,31	2,09	1,05	5,44	0,24		9,15		100
Sp. 114	4,44	39,08		2,1	8,58	10,23	4,27	2,01	1,21	5,94			22,14		100

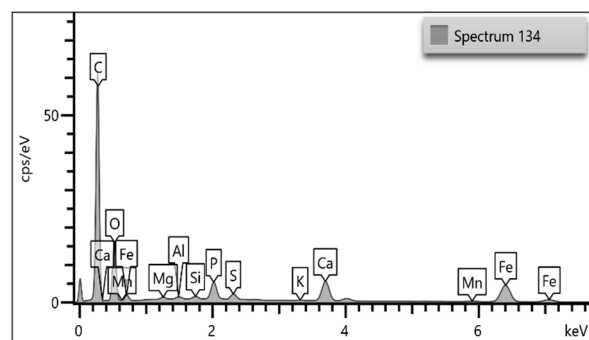
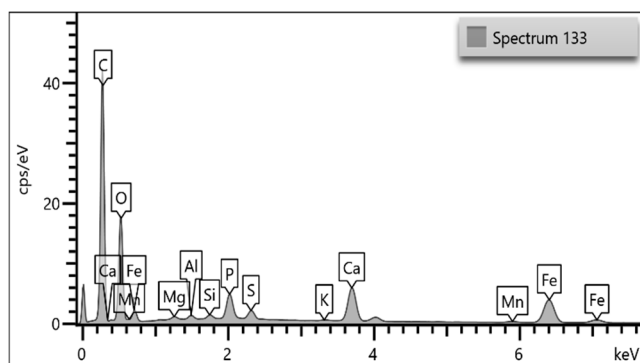
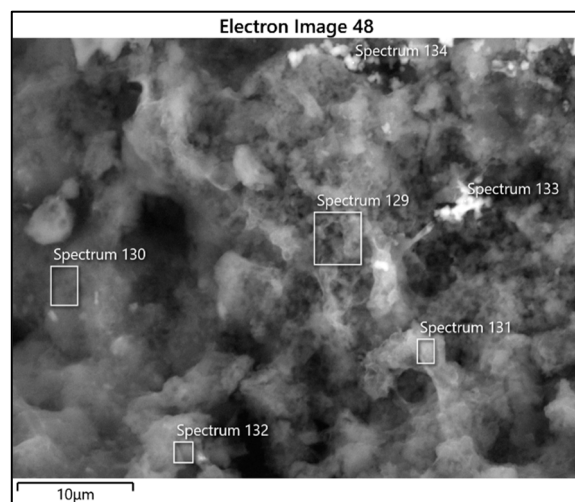
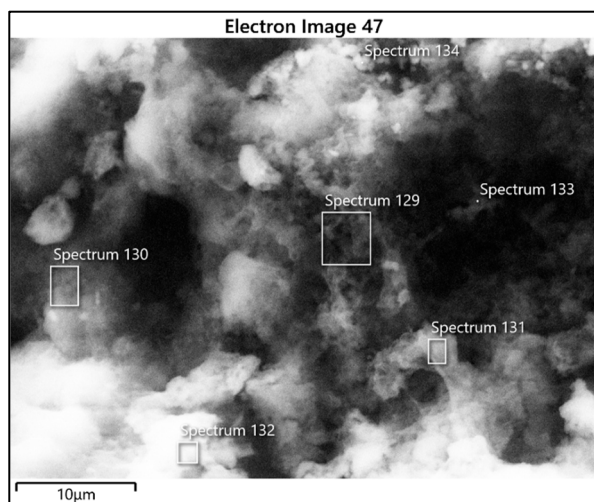




Wt%	C	O	Mg	Al	Si	P	S	Cl	K	Ca	Mn	Fe	Total
Sp. 117	17,32	59,47	0,04	0,07	0,15	0,43	4,89		0,05	1,22		16,36	100

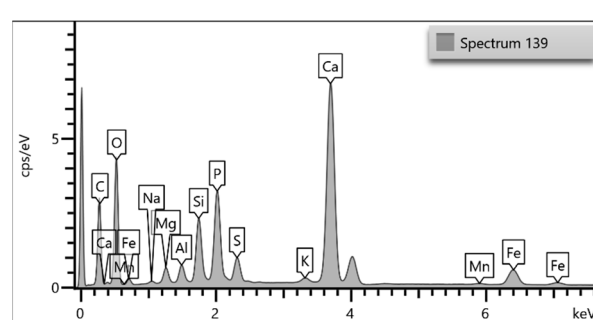
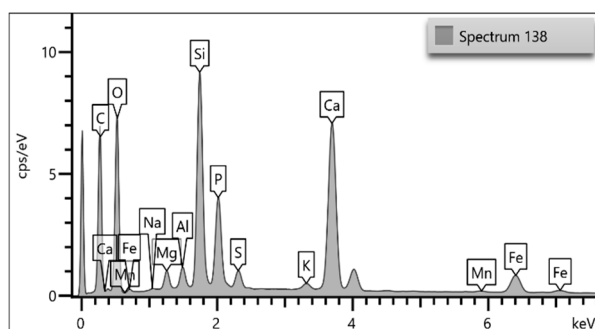
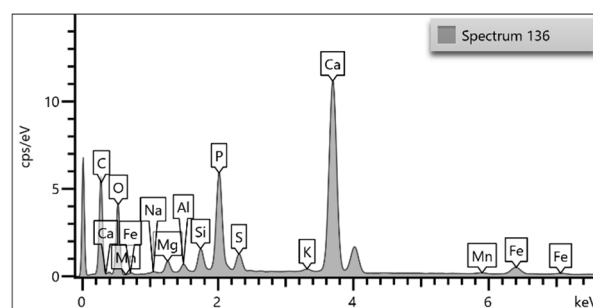
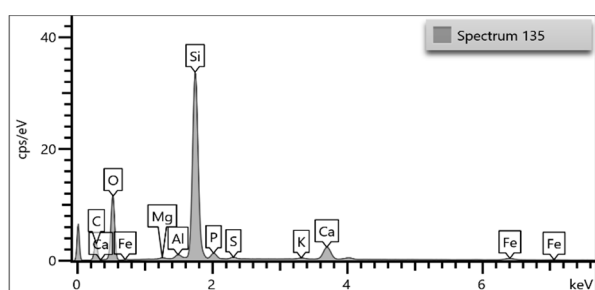
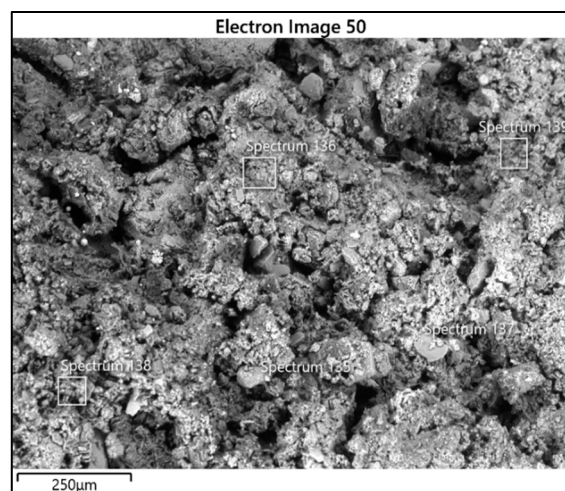
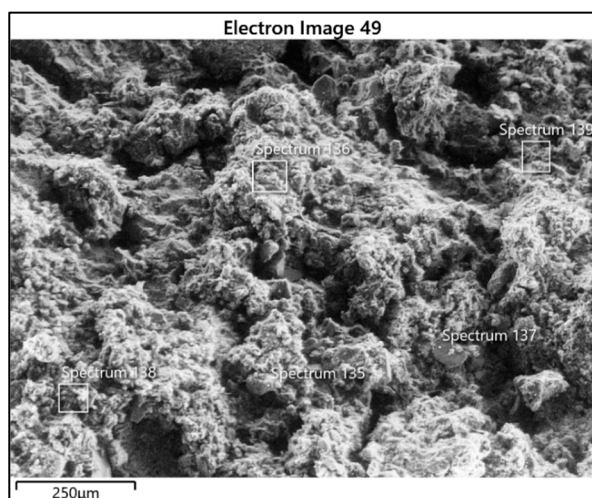


Wt%	C	O	Mg	Al	Si	P	S	Cl	K	Ca	Mn	Fe	Total
Sp. 122	19,18	59,26	0,07	0,13	0,33	0,6	0,64		0,07	2,08		17,64	100
Sp. 123	1,94	20,66	0,39	0,75	2,73	2,19	2,42		0,21	6,63		62,08	100
Sp. 124	1,61	38,02	0,68	0,74	1,58	6,8	1,44		0,27	10,96		37,9	100
Sp. 125	19,82	61,28	0,11	0,16	0,53	1,44	0,68	0,04	0,08	2,07		13,81	100
Sp. 126	1,87	36,24	0,5	1,08	2,97	6,23	2,53		0,46	8,94		39,19	100
Sp. 128	2,81	51,61	0,89	0,68	1,57	4,06	2	0,16	0,26	13,48	0,42	22,06	100



Wt%	C	O	Mg	Al	Si	P	S	Cl	K	Ca	Mn	Fe	Total
Sp. 133	3,89	50,74	0,71	0,9	0,78	5,49	2,06		0,23	11,42	0,8	22,98	100
Sp. 134	5,79	46,12	0,97	0,67	0,82	6,01	2,07		0,2	10,42	0,74	26,17	100

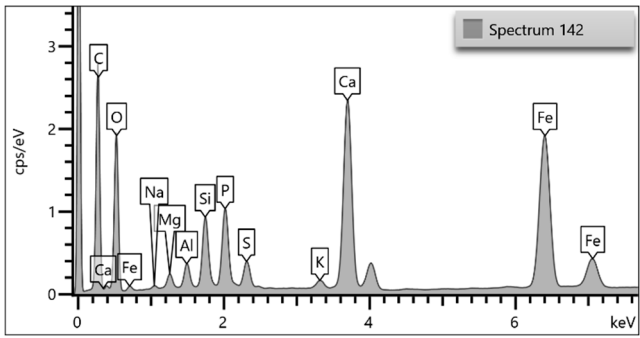
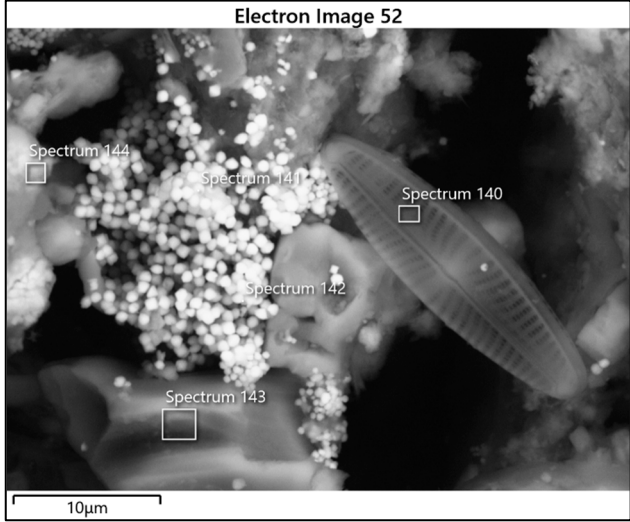
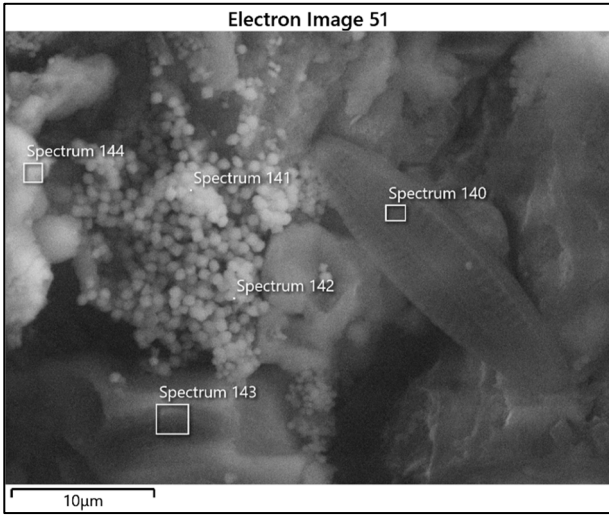
## SAMPLE 7



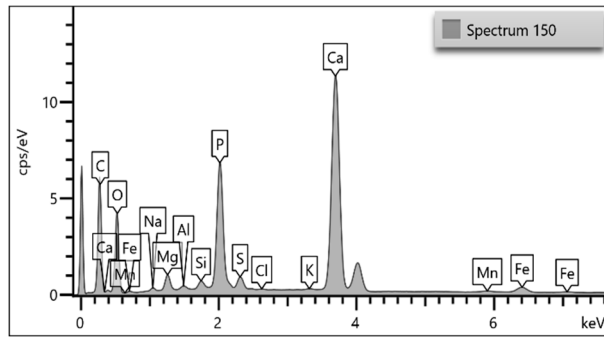
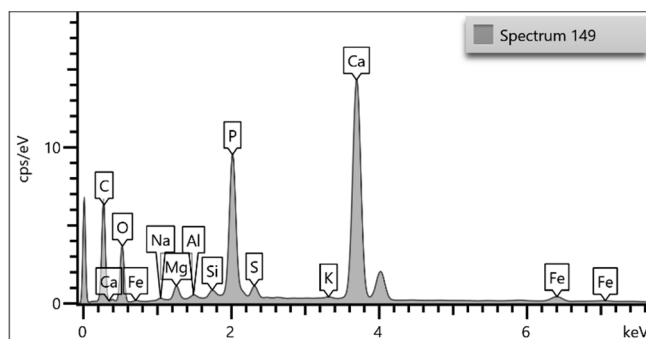
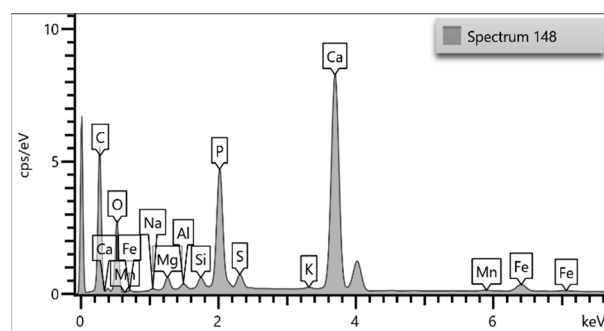
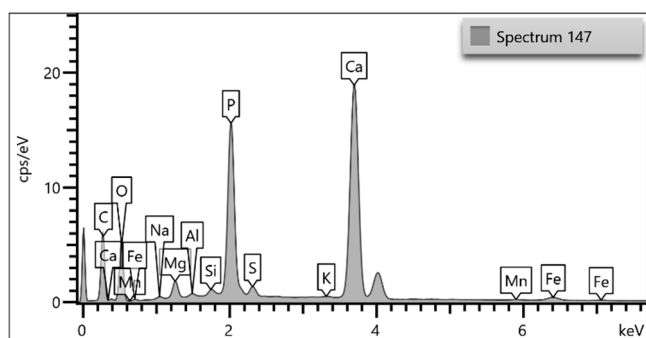
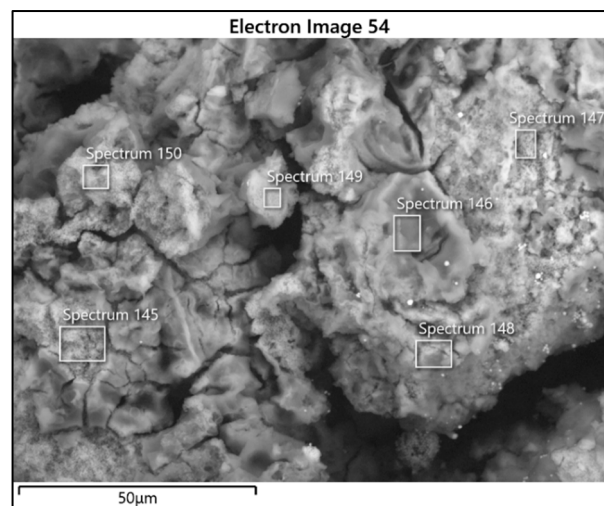
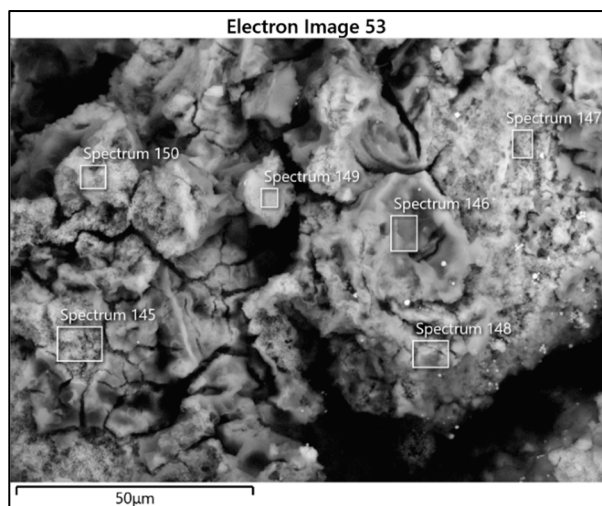
Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Ti	Mn	Fe	Total
Sp. 135	14,42	62,28		0,11	0,35	18,3	0,79	0,24	0,2	2,42			0,89	100
Sp. 136	0,89	40,5	0,22	1,43	0,79	2,16	10,94	2,23	0,42	36,22		0,44	3,75	100
Sp. 138	18,88	63,42	0	0,5	0,47	4,61	2,31	0,48	0,21	6,88		0,13	2,11	100



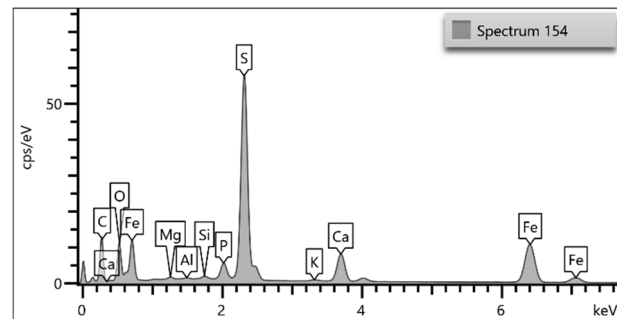
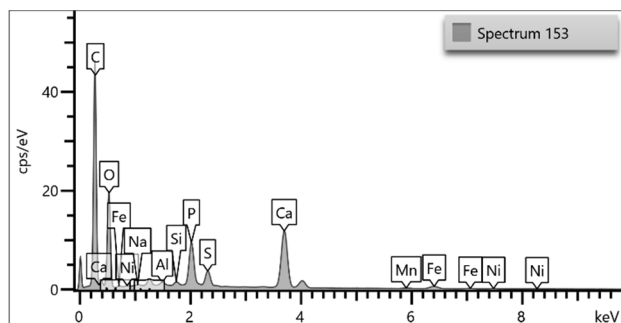
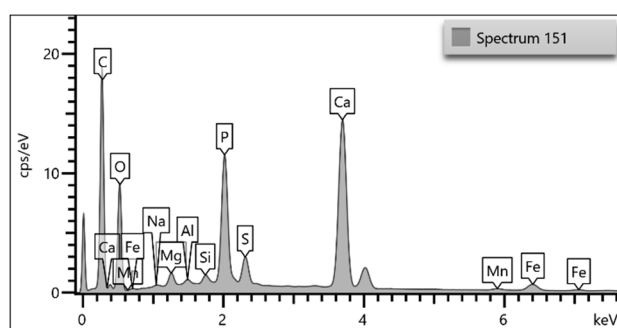
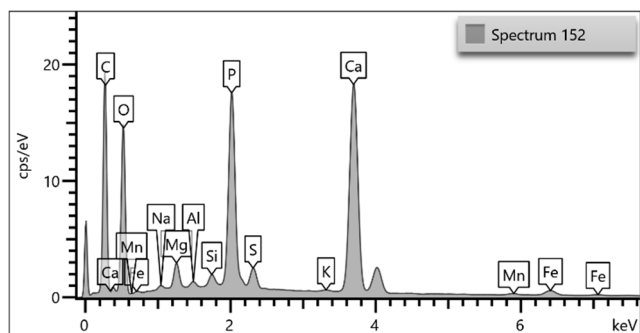
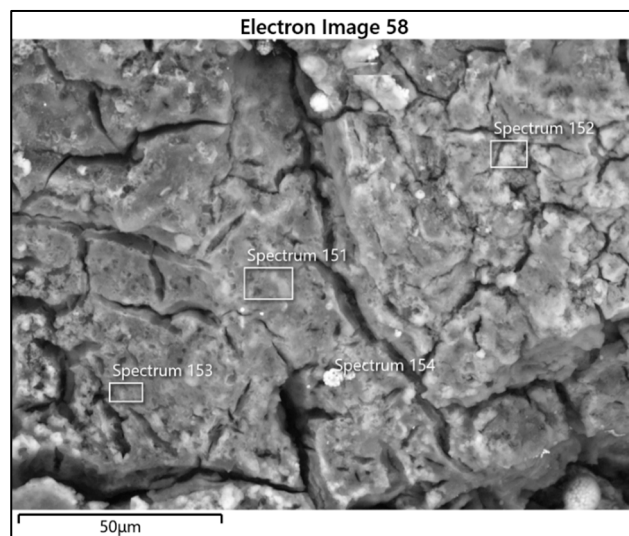
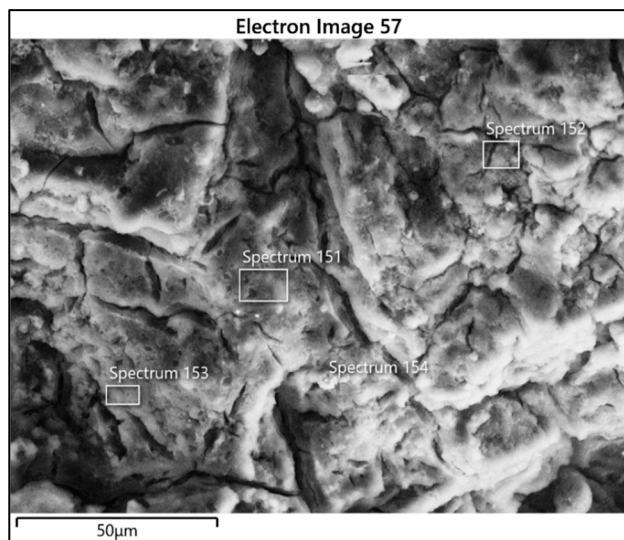
Sp. 139	0,62	45,04	0,34	1,44	1,42	4,8	8,06	2,38	0,52	28,62		0,42	6,35	100
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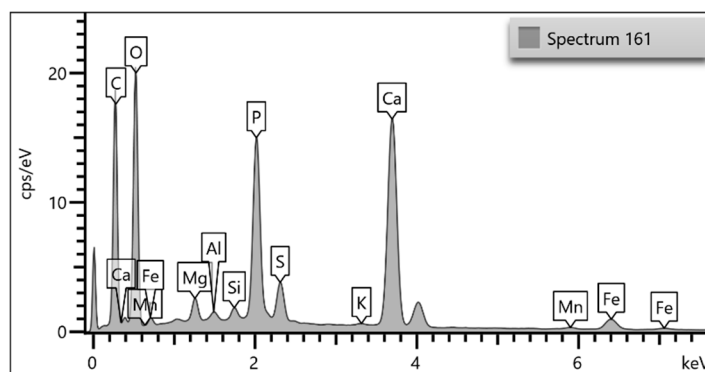
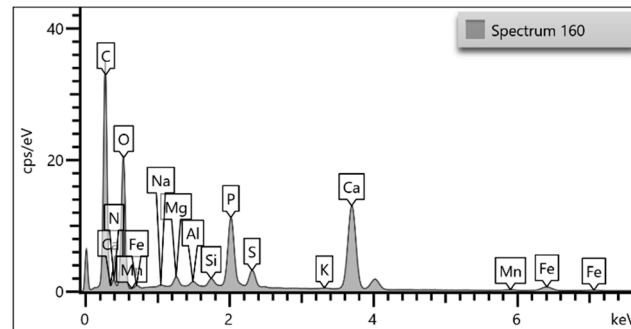
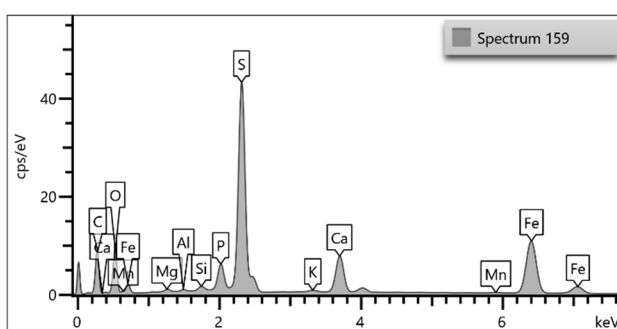
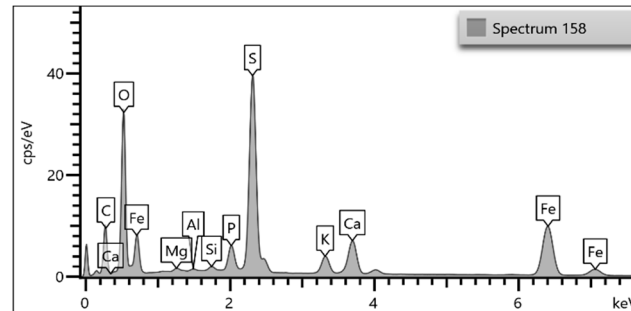
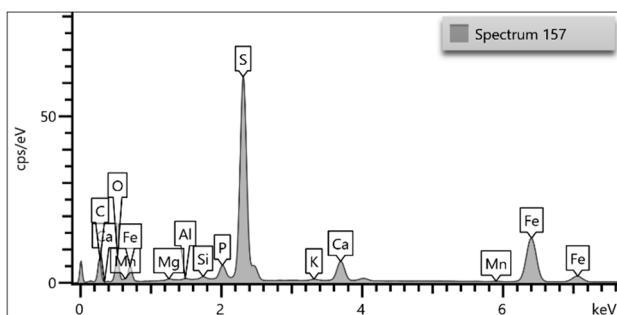
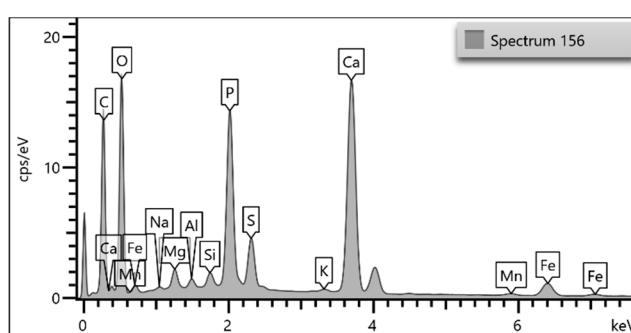
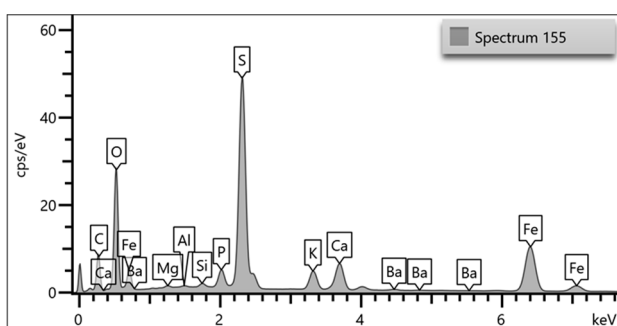
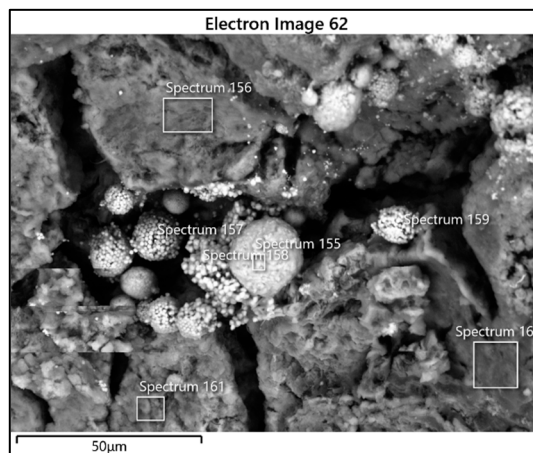
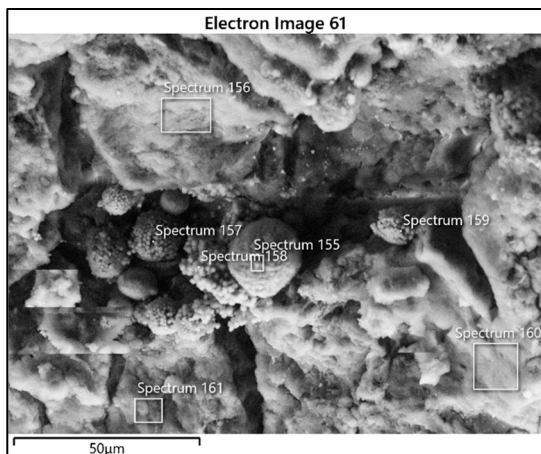
Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Total
Sp. 142	1,09	25,96	0,41	1,12	1,58	4	5,11	1,74	0,65	17,12		41,21	100



Wt%	C	O	Na	Mg	Al	Si	P	S	Cl	K	Ca	Mn	Fe	Total
Sp. 147	15,22	58,58	0,17	0,82	0,12	0,2	7,54	0,48		0,07	16,07	0,11	0,61	100
Sp. 148	1,22	39,44	0,29	1,47	0,49	0,92	12,22	1,66		0,27	38,22	0,34	3,47	100
Sp. 149	17,39	60,66	0,12	0,58	0,12	0,22	5,33	0,51		0,09	14,15		0,84	100
Sp. 150	0,96	41,67	0,54	1,77	0,32	0,66	12,6	1,48	0,13	0,18	36,82	0,39	2,49	100



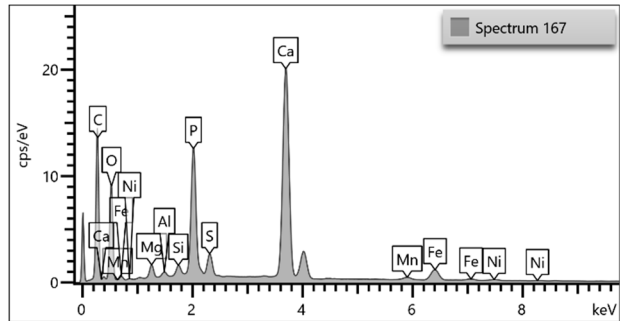
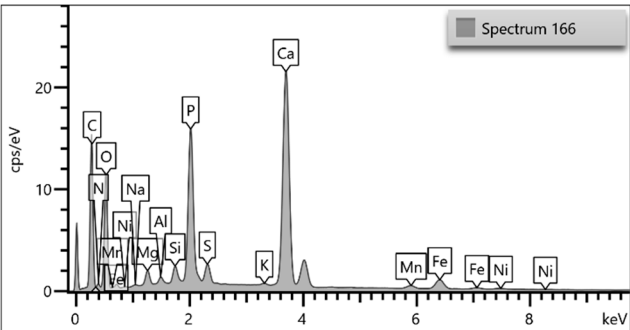
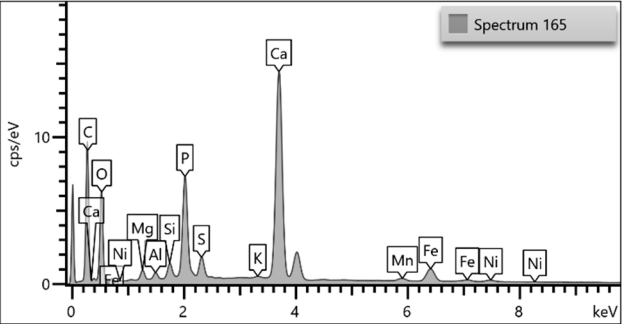
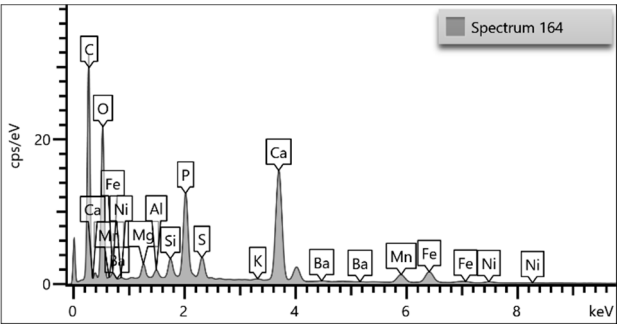
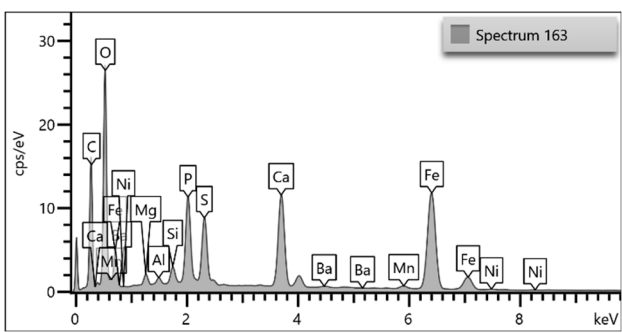
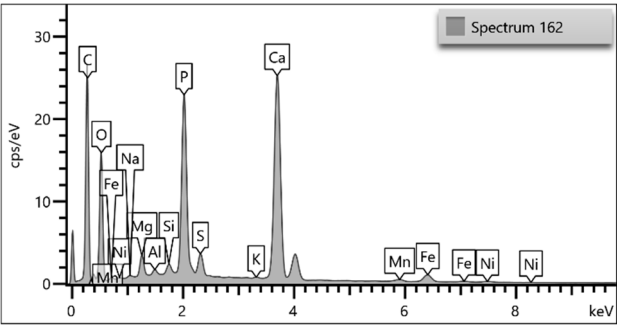
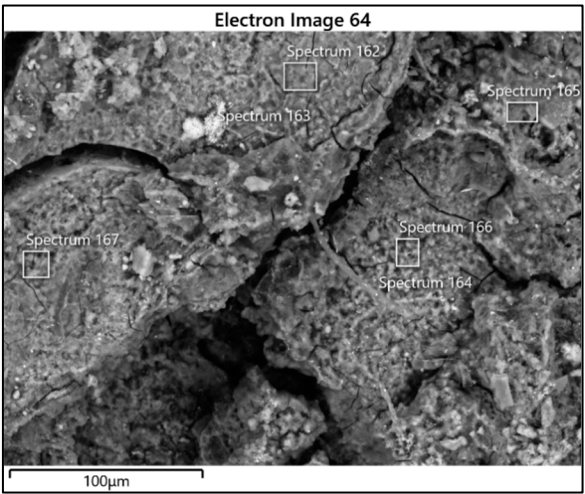
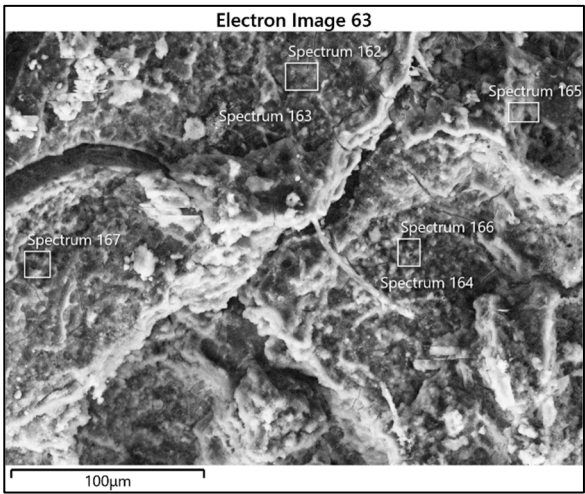
Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Ni	Total
Sp. 151	21,22	65,72	0,06	0,36	0,11	0,18	3,31	0,77		7,33	0,16	0,8		100
Sp. 152	1,45	50,35	0,42	2,06	0,4	0,71	14,26	1,77	0,14	26,25	0,43	1,76		100
Sp. 153	3,21	59,89	0,25	1,47	0,51	0,62	8,53	3,34		18,89	0,5	2,36	0,43	100
Sp. 154	15,44	61,43		0,12	0,06	0,1	0,77	10,3	0,09	2,29		9,39		100



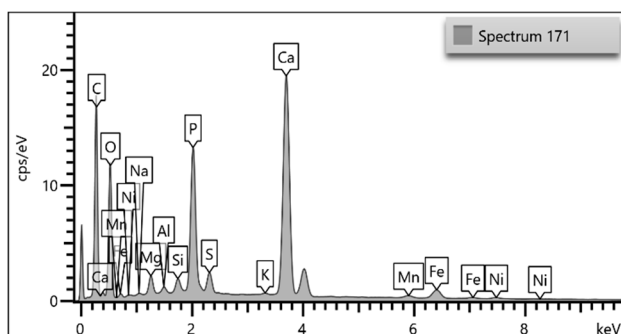
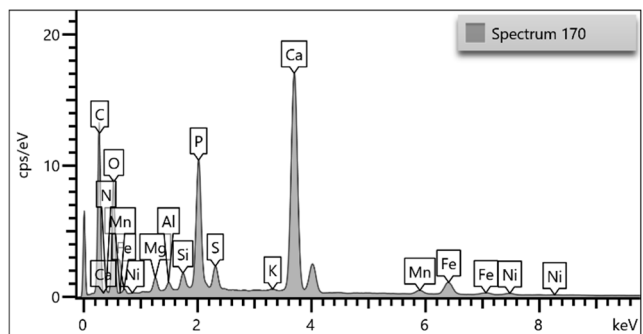
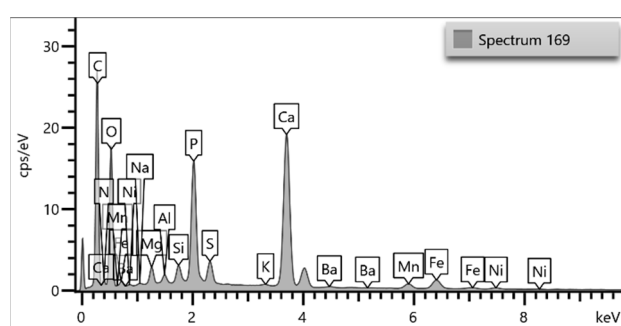
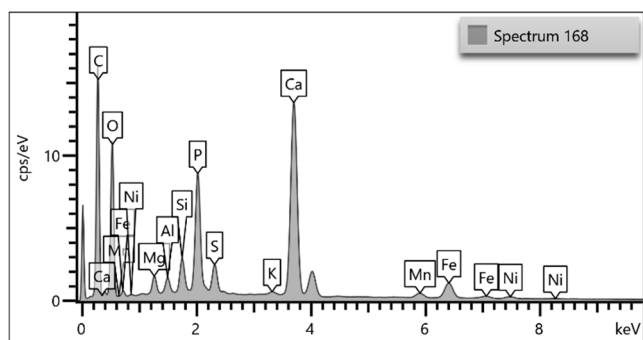
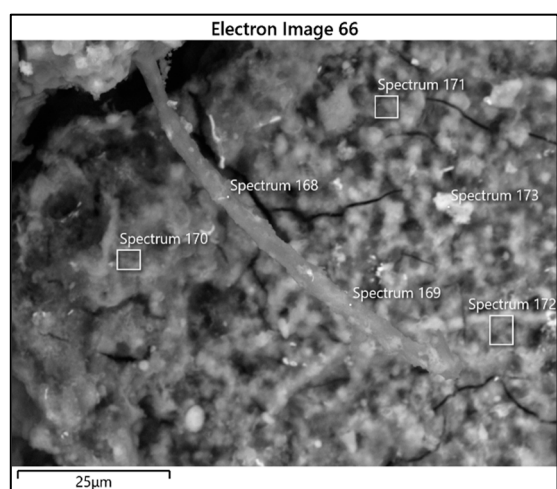
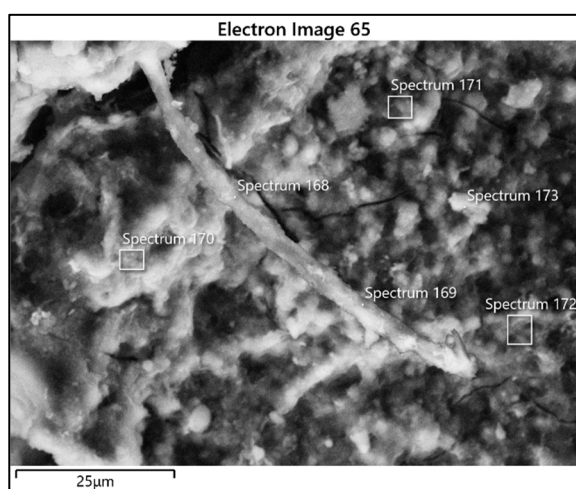
Wt%	C	N	O	Na	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Ba	Total
Sp. 155	0,58		37,7		0,29	0,15	0,38	2,01	24,92	3,37	5,24		24,73	0,64	100
Sp. 156	1,05		52,55	0,32	1,34	0,57	0,77	11,45	3,72	0,25	23,52	0,46	4		100
Sp. 157	0,8		15,03		0,32	0,24	0,41	2,37	37,32	0,4	6,1	0,28	36,74		100
Sp. 158	14,7		59,44		0,16	0,1	0,16	1,16	9,31	1,19	2,57		11,22		100
Sp. 159	1,05		20,08		0,42	0,27	0,48	3,61	30,38	0,34	8,65	0,31	34,4		100
Sp. 160	2,05	7,66	56,53	0,32	1,31	0,51	0,8	8,47	2,35	0,14	17,23	0,4	2,22		100
Sp. 161	20,63		65,21		0,55	0,14	0,22	3,8	0,88	0,05	7,3	0,15	1,07		100

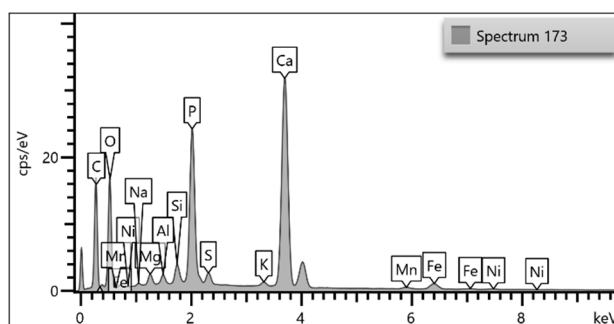
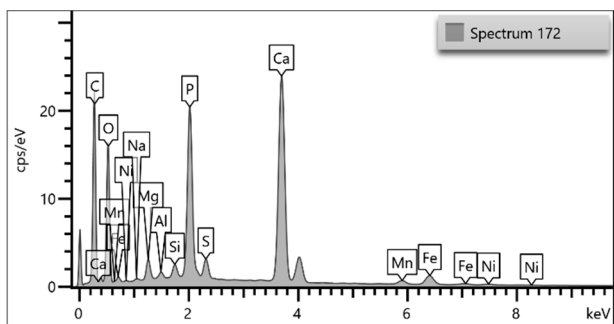


SAMPLE 8

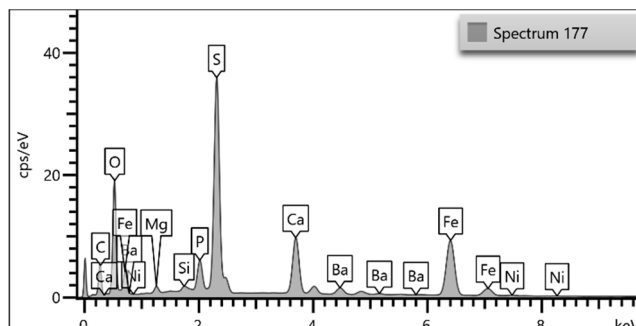
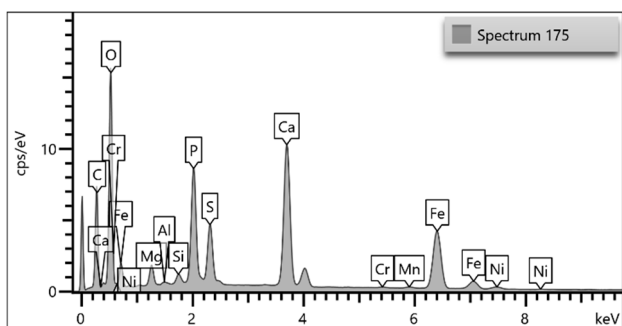
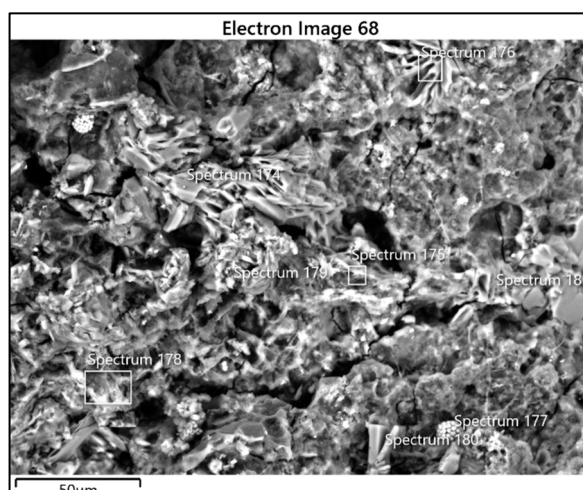
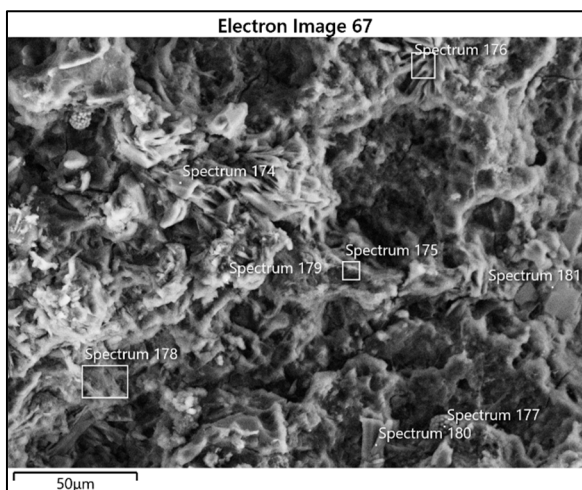


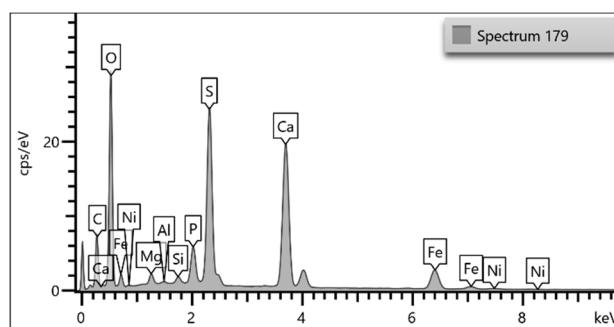
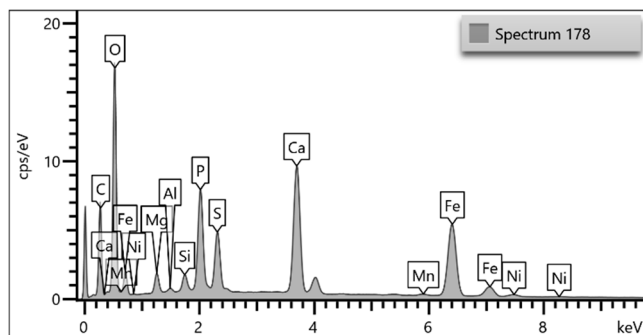
Wt%	C	N	O	Na	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Ni	Ba	Total
Sp. 162	1,59		45,95	0,23	1,95	0,43	0,67	14,53	2,14	0,19	28,33	0,66	2,84	0,51		100
Sp. 163	16,94		58,37		0,4	0,19	0,43	2,57	2,05		4,42	0,35	13,91	0,13	0,22	100
Sp. 164	1,95		52,43		1,75	0,81	1,73	9,23	2,53	0,2	19,52	3,47	5,26	0,69	0,43	100
Sp. 165	1,06		41,64		1,1	0,64	1,26	9,81	2,28	0,24	33,82	1,13	5,95	1,06		100
Sp. 166	1,04	4,39	42,82	0,18	1,3	0,51	1,17	12,3	1,78	0,23	29,16	1,05	3,67	0,4		100
Sp. 167	18,79		62,19		0,47	0,13	0,27	3,99	0,76		11,22	0,31	1,66	0,2		100



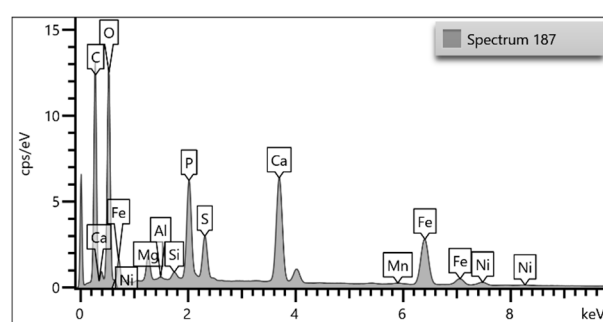
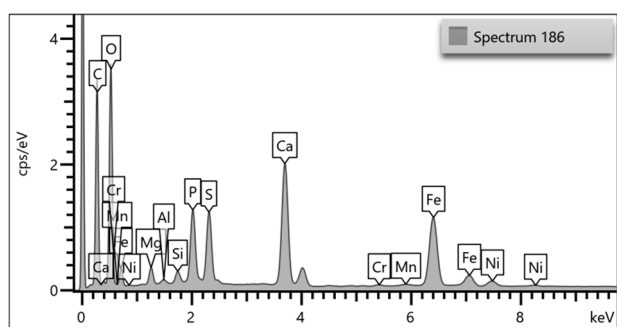
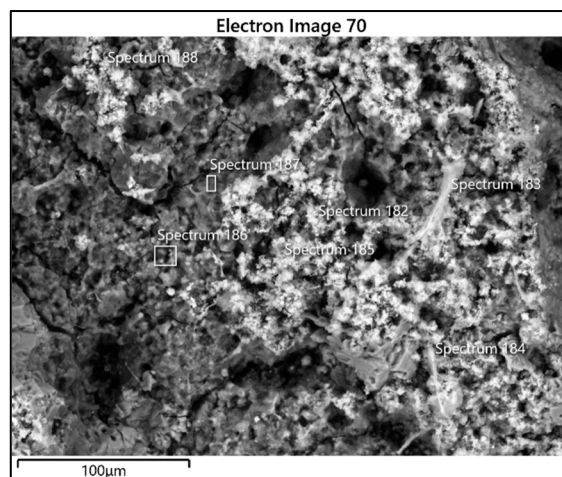
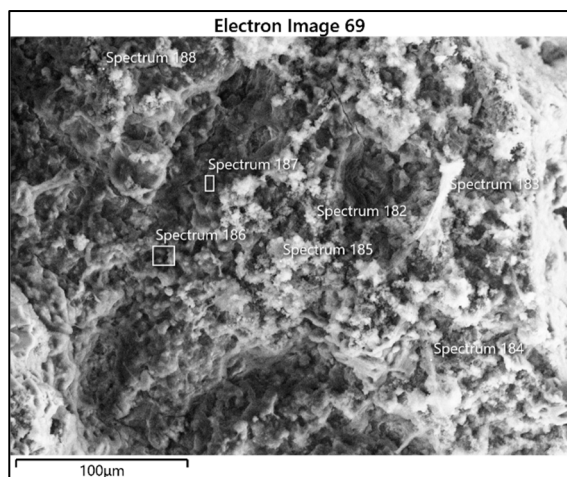


Wt%	C	N	O	Na	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Ni	Ba	Total
Sp. 168	1,53		47,12		1,64	1,15	2,35	9,59	2,58	0,31	25,39	1,55	5,68	1,1		100
Sp. 169	1,53	6,25	47,09	0,22	1,66	0,67	1,26	10,53	2,13	0,14	21,94	1,76	3,49	0,76	0,56	100
Sp. 170	1,11	4,43	42,32		1,27	0,63	1,13	10,37	2,11	0,2	29,56	1,3	4,72	0,85		100
Sp. 171	1,34		46,99	0,27	1,69	0,47	0,9	11,69	1,92	0,19	29,85	0,77	3,26	0,66		100
Sp. 172	19,56		63,62	0,08	0,6	0,15	0,3	4,41	0,55		9,06	0,41	1,11	0,16		100
Sp. 173	0,83		45,37	0,33	1,05	0,77	1,42	13,63	1,2	0,56	31,51	0,6	2,34	0,39		100



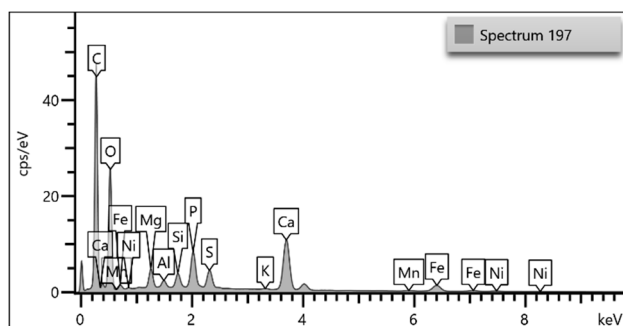
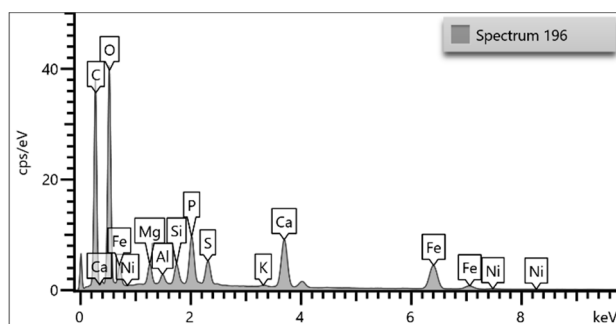
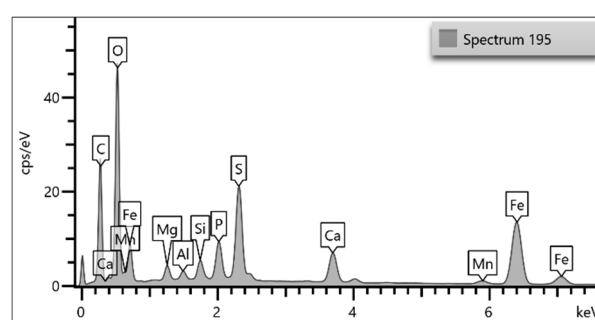
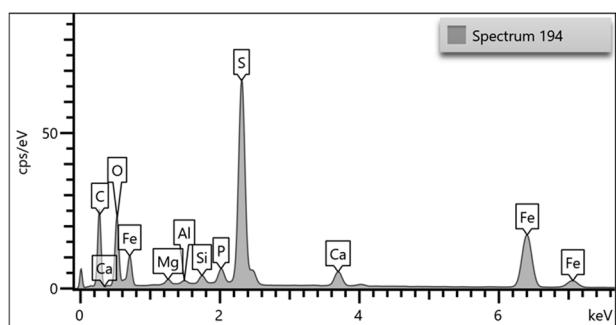
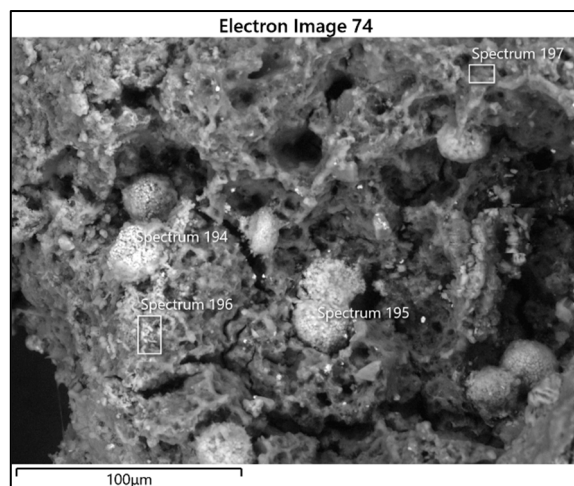
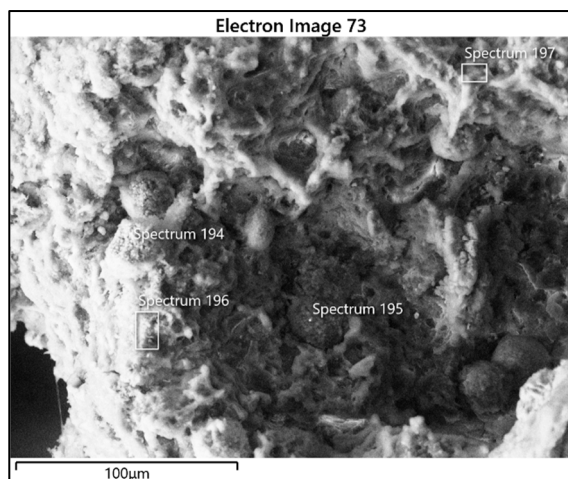


Wt%	C	O	Mg	Al	Si	P	S	Ca	Sc	Cr	Mn	Fe	Ni	Ba	Total
Sp. 175	16,01	58,13	0,83	0,07	0,27	3,97	2,14	8,05		0,1	0,17	9,77	0,5		100
Sp. 177	10,99	54,74	0,42		0,16	1,58	11,24	4,74				13,73	0,21	2,18	100
Sp. 178	0,55	43,53	1,85	0,29	1,08	7,57	4,72	14,77			0,42	24,27	0,95		100
Sp. 179	0,39	54,7	0,96	0,13	0,43	2,82	14,01	18,94				7,31	0,32		100



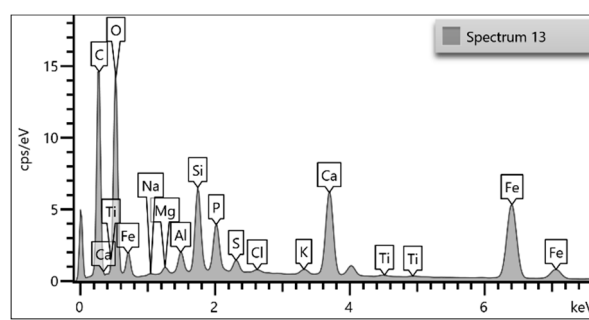
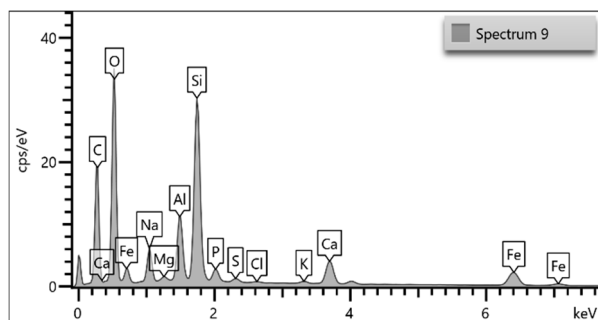
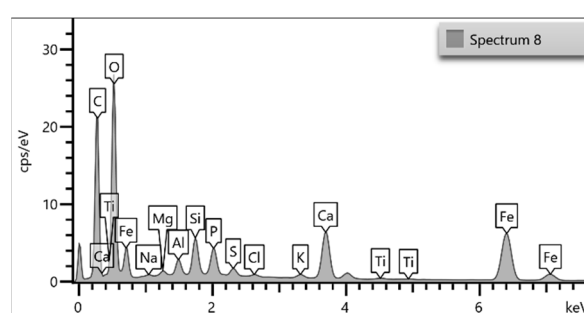
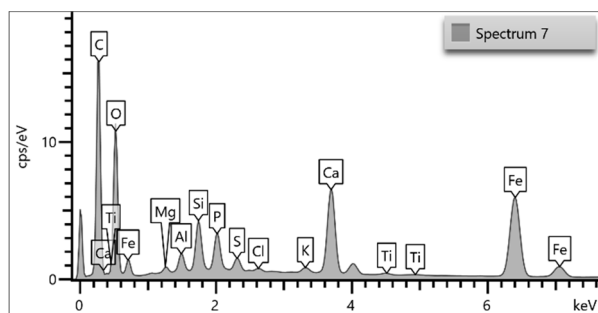
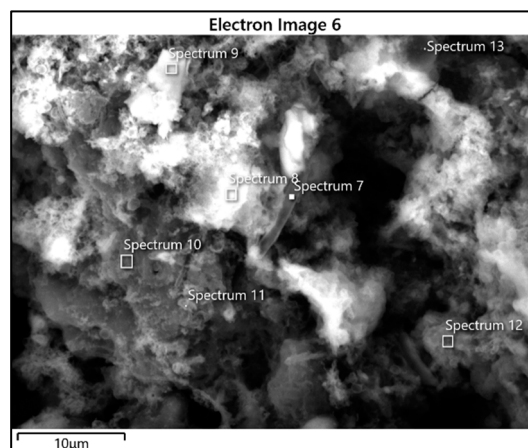
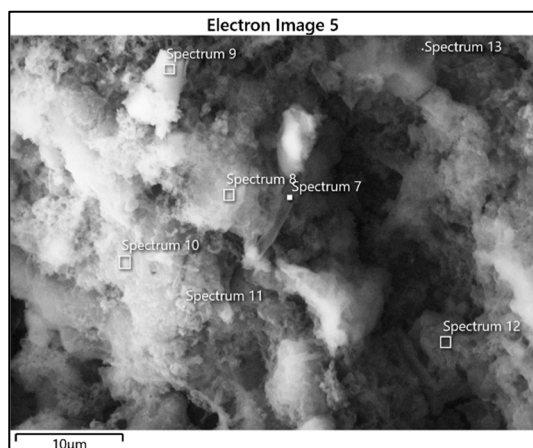
Wt%	C	O	Mg	Al	Si	P	S	Ca	Cr	Mn	Fe	Ni	Br	Total
Sp. 186	1,23	42,84	1,71	0,24	0,79	5,61	5,75	14,54	0,3	0,31	23,94	2,72		100
Sp. 187	1,49	47,79	2,77	0,19	0,49	8,61	4,07	14,28		0,29	18,35	1,68		100





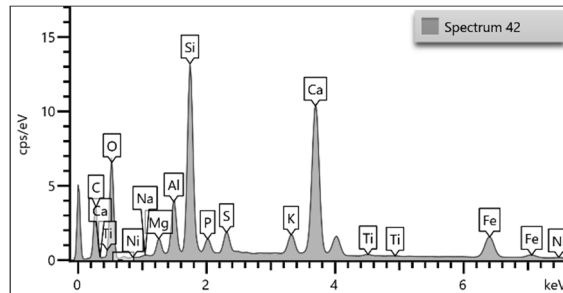
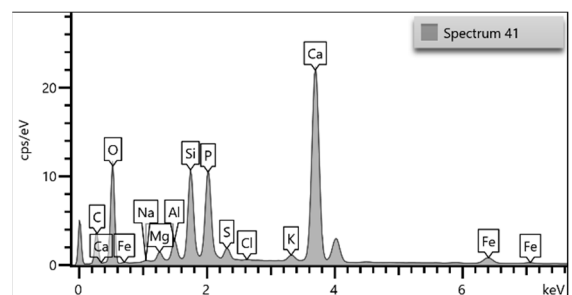
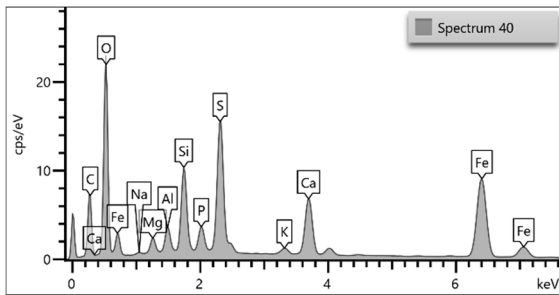
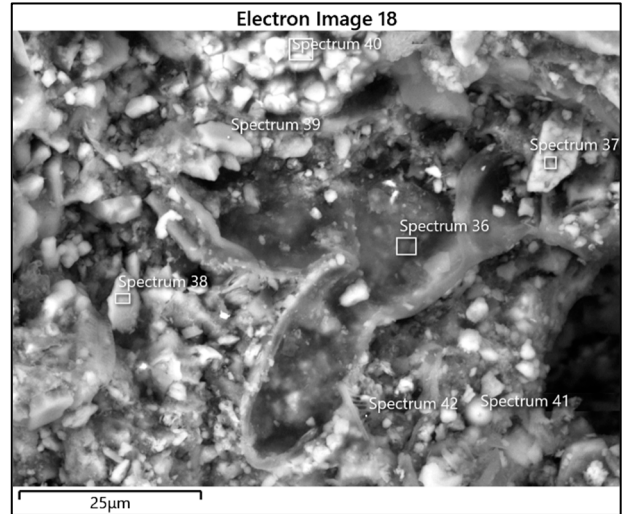
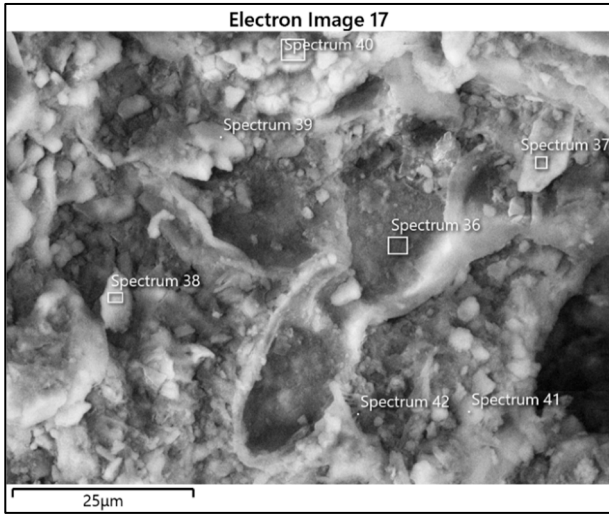
Wt%	C	O	Mg	Al	Si	P	S	K	Ca	Mn	Fe	Ni	Total
Sp. 194	17,21	62,49	0,22	0,11	0,27	0,56	8,08		0,92		10,14		100
Sp. 195	18,98	62,35	0,59	0,29	0,58	1,31	3,35		1,65	0,41	10,5		100
Sp. 196	22,98	67,41	0,69	0,26	0,51	1,43	0,74	0,06	2,35		3,49	0,07	100
Sp. 197	24,22	69,18	0,65	0,2	0,37	1,09	0,58	0,05	2,58	0,05	0,9	0,11	100

## SAMPLE 9

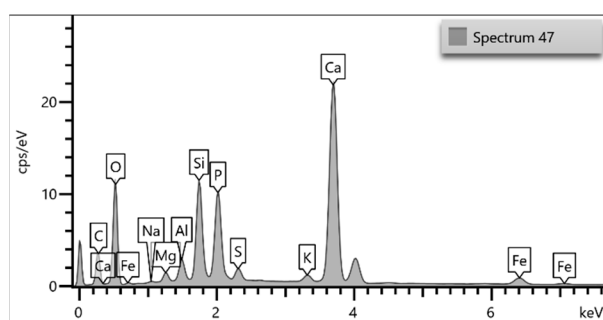
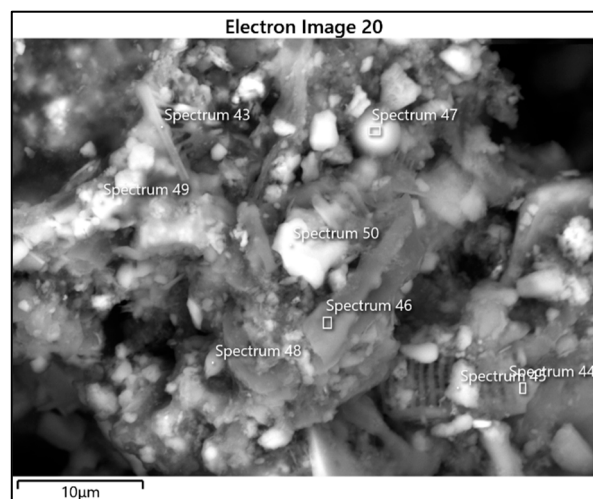
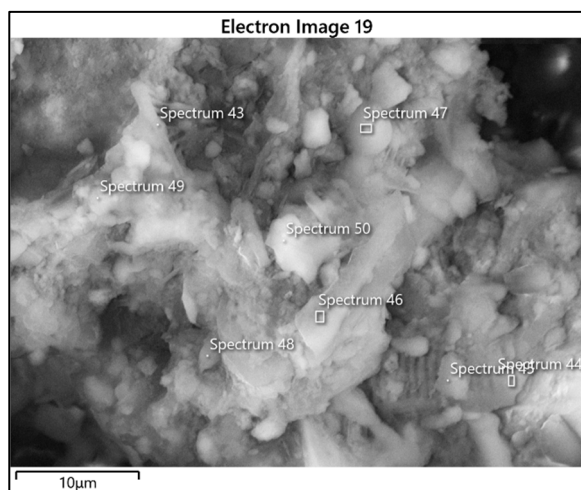


Wt%	C	O	Na	Mg	Al	Si	P	S	Cl	K	Ca	Ti	Fe	Total
Sp. 7	21,13	63,51		0,16	0,42	1,04	0,89	0,32	0,09	0,17	3,18	0,08	9,03	100
Sp. 8	21,86	64,83	0,08	0,16	0,5	1,08	0,91	0,25	0,07	0,16	2,46	0,07	7,56	100
Sp. 9	37,81	39,55	2,34	0,23	3,3	9,23	0,84	0,25	0,07	0,17	2,07		4,14	100
Sp. 13	20,83	63,62	0,06	0,18	0,46	1,73	1,12	0,3	0,07	0,16	3,08	0,07	8,31	100

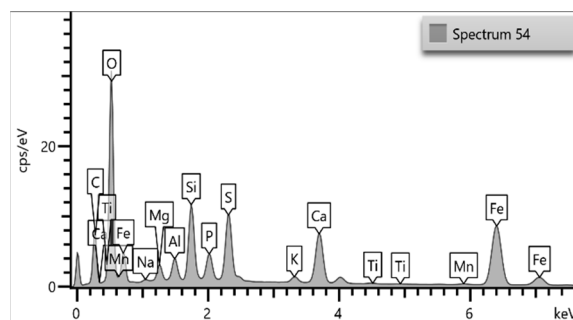
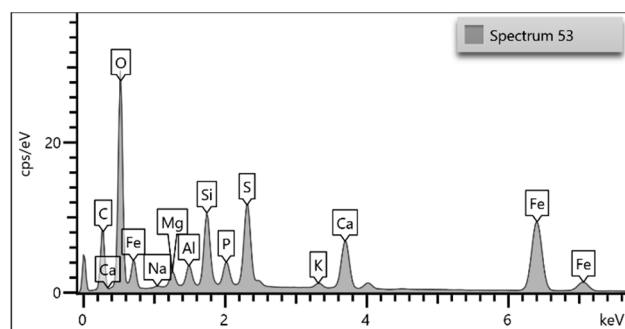
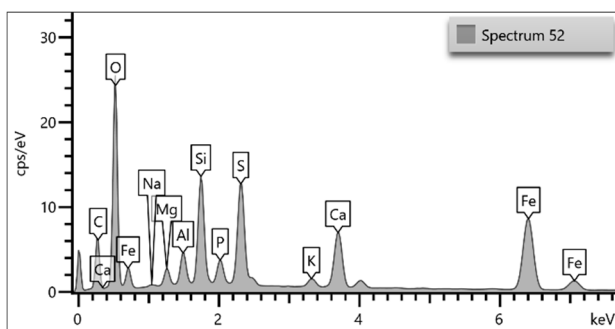
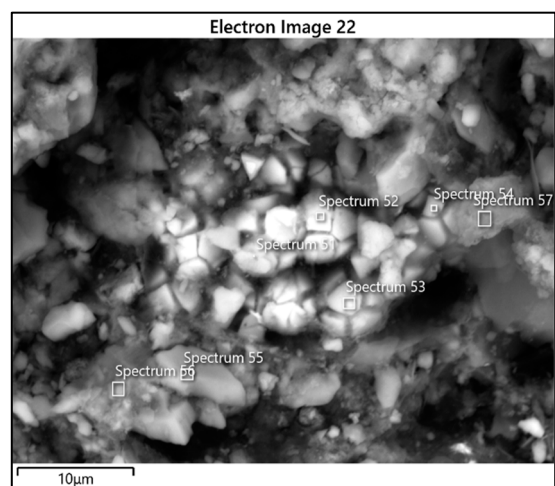
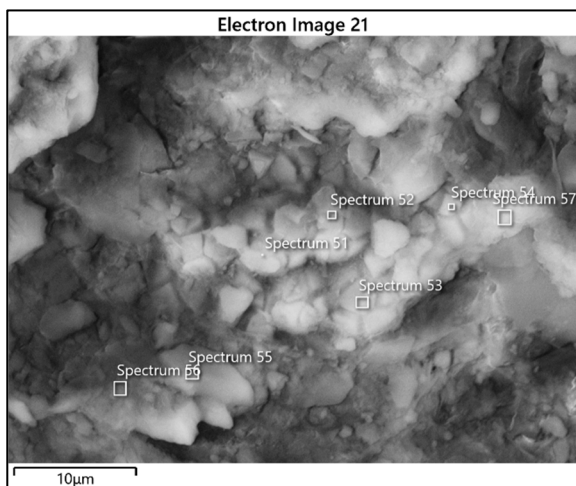
## SAMPLE 10



Wt%	C	O	Na	Mg	Al	Si	P	S	Cl	K	Ca	Ti	Fe	Ni	Total
Sp. 40	14,47	57,34	0,12	0,63	0,91	2,81	0,97	5,13		0,29	3,36		13,98		100
Sp. 41	11,49	54	0,11	0,56	1,1	4,7	5,52	0,78	0,08	0,5	19,47		1,67		100
Sp. 42	13,7	56,44	0,1	0,8	2,29	7,63	0,72	1,04		1,26	11,17	0,17	4,5	0,18	100

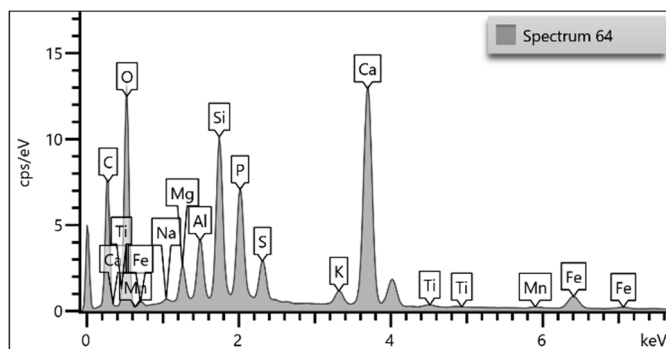
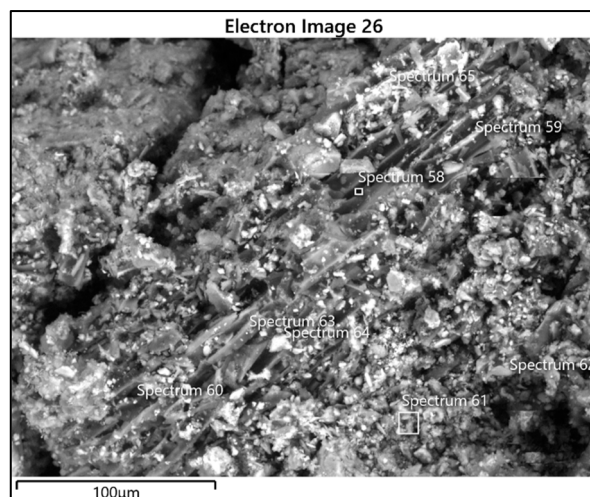
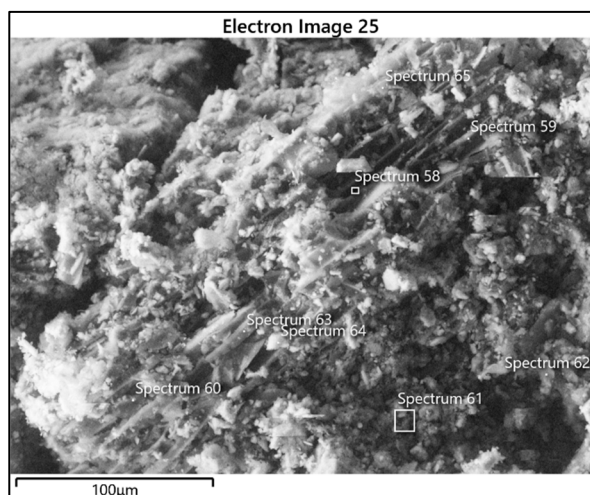


Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Ti	Fe	Ni	Total
Sp. 47	11,2	53,7	0,13	0,59	1,14	5,1	5,4	0,79	0,58	19,51		1,86		100

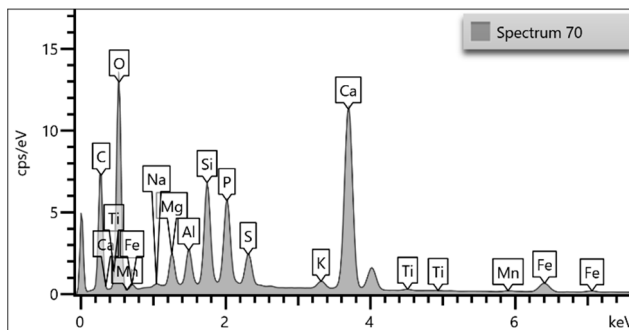
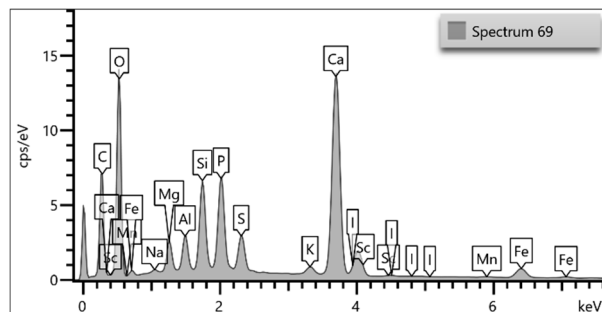
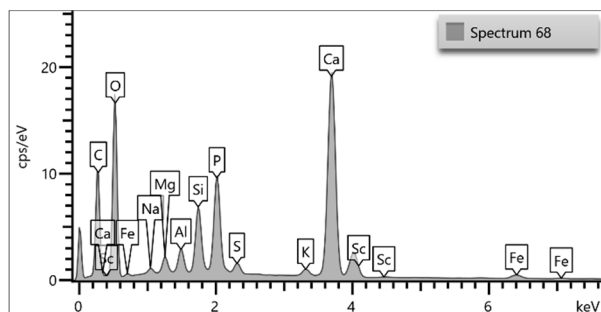
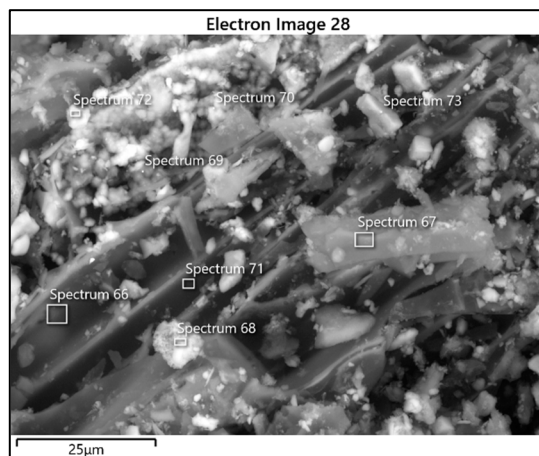
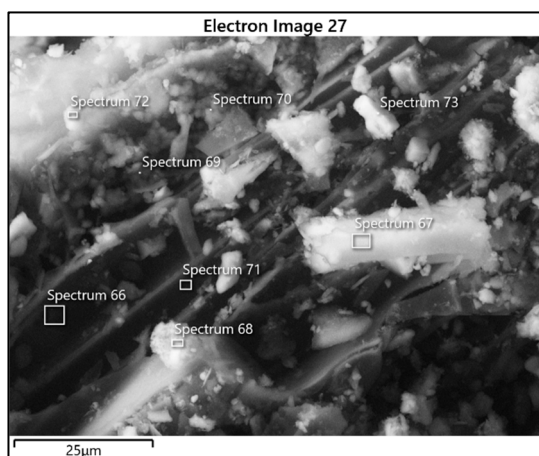


Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Ti	Mn	Fe	Ni	Total
Sp. 52	13,52	56,19	0,11	0,82	1,32	4,08	1,07	4,5	0,48	3,74			14,16		100
Sp. 53	15,14	57,45	0,12	0,74	0,89	2,85	1,09	3,77	0,31	3,32			14,32		100
Sp. 54	14,58	56,83	0,17	0,92	1,04	3,35	1,34	3,45	0,4	3,9	0,07	0,16	13,8		100





Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Ti	Mn	Fe	Total
Sp. 64	29,83	36,69	0,16	1,39	2,11	5,53	4,78	1,94	0,73	13,7	0,23	0,24	2,68	100



Wt%	C	O	Na	Mg	Al	Si	P	S	K	Ca	Sc	Ti	Mn	Fe	Ni	I	Total
Sp. 68	27,33	42,15	0,35	0,84	1,14	3,01	5,5	0,66	0,5	17,27	0,15			1,1			100
Sp. 69	16,87	60,55	0,14	1,08	1,12	2,57	3,13	1,28	0,33	10,87	0,2		0,09	1,45		0,31	100
Sp. 70	29,5	40,66	0,16	1,53	1,48	4,12	4,28	1,74	0,47	13,37		0,18	0,18	2,33			100