

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111720\
 Data File : VW017282.D
 Acq On : 17 Nov 2020 13:37
 Operator : SY/VA
 Sample : L4710-10RE
 Misc : 4.45G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BF0RE

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	38	42	47	rBV2	2539	4859	0.44%	0.065%
2	2.355	68	74	84	rVB	82498	152032	13.65%	2.043%
3	2.897	155	163	176	rBV	63557	155111	13.92%	2.084%
4	3.391	239	244	253	rVB4	1186	2292	0.21%	0.031%
5	3.842	317	318	321	rVB2	282	219	0.02%	0.003%
6	4.019	336	347	363	rBV	143811	419049	37.62%	5.630%
7	4.214	373	379	390	rVB3	5200	14018	1.26%	0.188%
8	4.294	390	392	394	rBV	312	247	0.02%	0.003%
9	4.324	395	397	400	rVB2	326	315	0.03%	0.004%
10	4.391	404	408	409	rBV2	724	741	0.07%	0.010%
11	4.507	424	427	428	rBV	170	169	0.02%	0.002%
12	4.604	441	443	446	rBV	252	283	0.03%	0.004%
13	4.690	455	457	459	rBV2	256	290	0.03%	0.004%
14	4.830	479	480	483	rVB2	231	195	0.02%	0.003%
15	4.921	483	495	515	rBV3	22398	76229	6.84%	1.024%
16	5.220	542	544	548	rVB2	308	282	0.03%	0.004%
17	5.330	560	562	565	rBV2	183	236	0.02%	0.003%
18	5.482	583	587	588	rVB2	214	227	0.02%	0.003%
19	5.549	596	598	601	rVB2	138	165	0.01%	0.002%
20	5.641	611	613	616	rVB2	175	225	0.02%	0.003%
21	5.787	629	637	645	rVB6	893	2247	0.20%	0.030%
22	5.885	651	653	655	rBV2	175	172	0.02%	0.002%
23	5.946	655	663	672	rVV2	5227	16206	1.45%	0.218%
24	6.287	717	719	725	rBV	149	308	0.03%	0.004%
25	6.476	748	750	751	rBV	241	162	0.01%	0.002%
26	6.769	796	798	801	rVB	232	168	0.02%	0.002%
27	6.970	829	831	834	rBV2	185	254	0.02%	0.003%
28	7.086	841	850	853	rBV	18148	43018	3.86%	0.578%
29	7.415	902	904	906	rVB2	348	264	0.02%	0.004%
30	7.445	906	909	911	rBV2	400	515	0.05%	0.007%
31	7.531	921	923	925	rBV	246	186	0.02%	0.002%
32	7.653	932	943	954	rBV	209538	505577	45.38%	6.792%
33	7.811	966	969	973	rVB3	373	421	0.04%	0.006%
34	7.860	975	977	980	rVV	264	219	0.02%	0.003%

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35	7.951	986	992	993	rVV2	503	736	0.07%	0.010%
36	8.281	1034	1046	1063	rBV2	385247	1113999	100.00%	14.966%
37	8.543	1086	1089	1090	rBV2	270	318	0.03%	0.004%
38	8.628	1100	1103	1105	rBV2	323	444	0.04%	0.006%
39	8.756	1122	1124	1125	rVB	281	199	0.02%	0.003%
40	8.781	1127	1128	1130	rBV	244	175	0.02%	0.002%
41	8.841	1130	1138	1152	rBV	457253	910751	81.76%	12.236%
42	9.085	1172	1178	1183	rVB4	1848	3532	0.32%	0.047%
43	9.140	1183	1187	1188	rBV	347	256	0.02%	0.003%
44	9.280	1201	1210	1220	rBV	241380	495614	44.49%	6.658%
45	9.384	1225	1227	1231	rVB3	616	597	0.05%	0.008%
46	9.518	1247	1249	1253	rVB2	251	290	0.03%	0.004%
47	9.549	1253	1254	1257	rVB2	217	198	0.02%	0.003%
48	9.616	1261	1265	1266	rBV2	200	207	0.02%	0.003%
49	9.671	1270	1274	1277	rVB3	435	573	0.05%	0.008%
50	9.774	1289	1291	1292	rBV	212	161	0.01%	0.002%
51	9.841	1298	1302	1304	rVB2	326	418	0.04%	0.006%
52	9.890	1308	1310	1315	rBV3	541	722	0.06%	0.010%
53	9.969	1320	1323	1326	rBV2	178	195	0.02%	0.003%
54	10.036	1326	1334	1344	rBV	111356	200741	18.02%	2.697%
55	10.128	1347	1349	1356	rVB3	1316	2057	0.18%	0.028%
56	10.213	1358	1363	1372	rVB5	1511	3432	0.31%	0.046%
57	10.329	1372	1382	1389	rBV	520944	935361	83.96%	12.566%
58	10.579	1416	1423	1437	rVB	67057	118070	10.60%	1.586%
59	10.707	1437	1444	1451	rBV	24283	44570	4.00%	0.599%
60	10.866	1465	1470	1475	rVB3	4589	7992	0.72%	0.107%
61	10.926	1475	1480	1495	rVV	62707	116786	10.48%	1.569%
62	11.067	1498	1503	1512	rVB	15030	25258	2.27%	0.339%
63	11.439	1556	1564	1570	rBV2	7388	13124	1.18%	0.176%
64	11.524	1574	1578	1579	rBV2	185	259	0.02%	0.003%
65	11.542	1579	1581	1582	rBV2	273	163	0.01%	0.002%
66	11.634	1588	1596	1606	rBV	512081	845912	75.93%	11.365%
67	11.780	1618	1620	1623	rVB	338	249	0.02%	0.003%
68	11.841	1626	1630	1638	rVB3	1390	2664	0.24%	0.036%
69	11.932	1642	1645	1649	rVB2	233	240	0.02%	0.003%
70	11.975	1651	1652	1658	rVB2	230	283	0.03%	0.004%
71	12.170	1677	1684	1691	rBV7	1167	2754	0.25%	0.037%

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72	12.341	1709	1712	1714	rBV2	316	314	0.03%	0.004%
73	12.469	1729	1733	1738	rVV4	1433	1879	0.17%	0.025%
74	12.609	1747	1756	1763	rBV	32160	53374	4.79%	0.717%
75	12.694	1763	1770	1777	rVV	130909	215574	19.35%	2.896%
76	12.762	1777	1781	1785	rVB4	901	1636	0.15%	0.022%
77	12.865	1794	1798	1799	rBV3	587	729	0.07%	0.010%
78	12.932	1803	1809	1820	rVB4	13877	25580	2.30%	0.344%
79	13.036	1823	1826	1829	rVB3	807	957	0.09%	0.013%
80	13.079	1829	1833	1834	rBV3	412	360	0.03%	0.005%
81	13.115	1837	1839	1843	rVB3	753	1027	0.09%	0.014%
82	13.146	1843	1844	1846	rBV2	272	248	0.02%	0.003%
83	13.200	1848	1853	1859	rBV7	2185	5034	0.45%	0.068%
84	13.298	1864	1869	1876	rVB2	5589	8639	0.78%	0.116%
85	13.377	1876	1882	1893	rBV2	20489	38650	3.47%	0.519%
86	13.475	1894	1898	1901	rVV4	1687	2447	0.22%	0.033%
87	13.560	1905	1912	1925	rVB	283361	461630	41.44%	6.202%
88	13.719	1935	1938	1941	rBV2	967	1112	0.10%	0.015%
89	13.761	1941	1945	1949	rBV4	1691	2812	0.25%	0.038%
90	13.853	1954	1960	1967	rBV	208225	342095	30.71%	4.596%
91	14.017	1985	1987	1990	rBV2	781	730	0.07%	0.010%
92	14.072	1990	1996	2004	rVB2	14787	24369	2.19%	0.327%
93	14.152	2008	2009	2012	rVB2	306	216	0.02%	0.003%
94	14.182	2012	2014	2015	rBV	390	353	0.03%	0.005%
95	14.645	2088	2090	2091	rBV2	351	186	0.02%	0.002%
96	14.731	2100	2104	2106	rBV3	792	1056	0.09%	0.014%
97	14.938	2137	2138	2140	rBV	474	291	0.03%	0.004%
98	15.438	2217	2220	2226	rVB3	3002	4210	0.38%	0.057%
99	15.755	2270	2272	2274	rBV3	663	464	0.04%	0.006%
100	16.358	2369	2371	2376	rBV3	744	1163	0.10%	0.016%

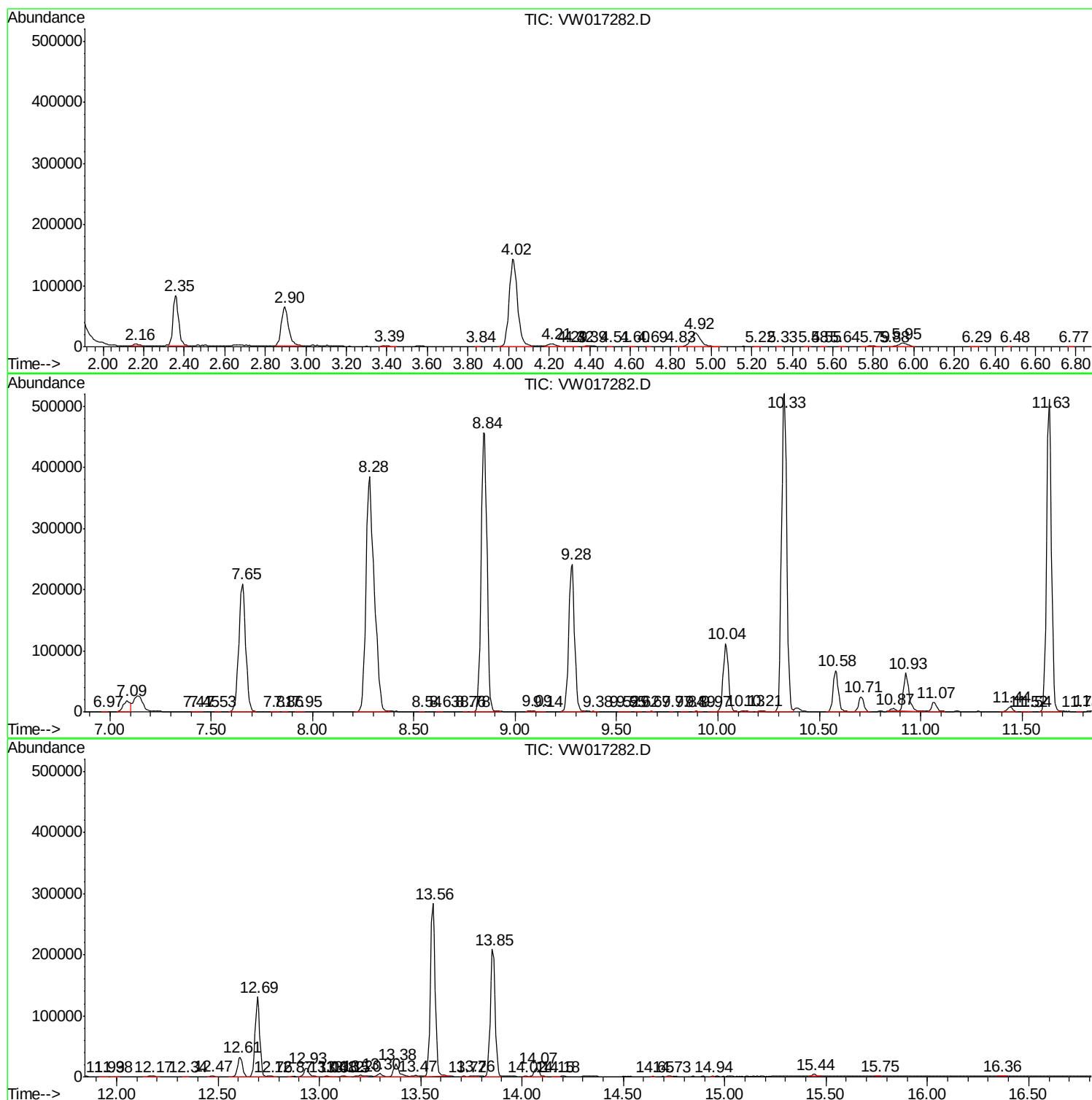
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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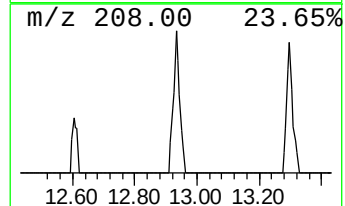
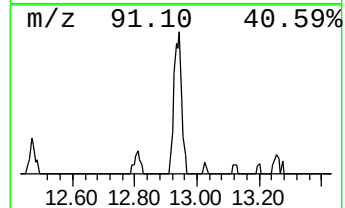
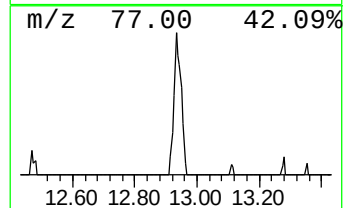
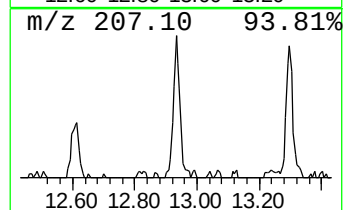
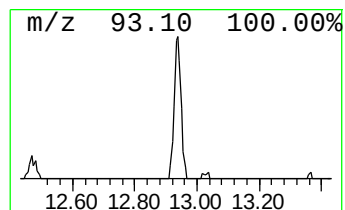
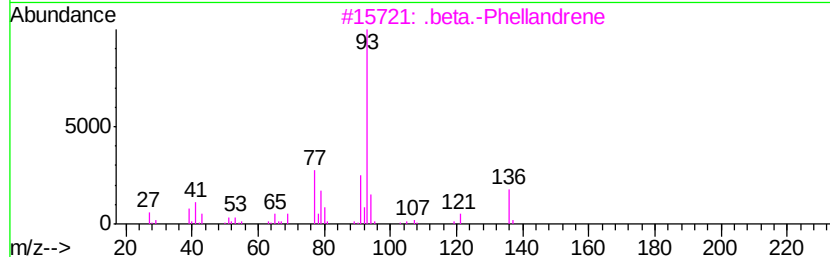
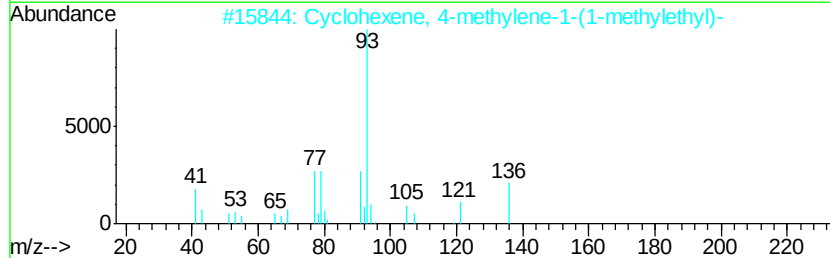
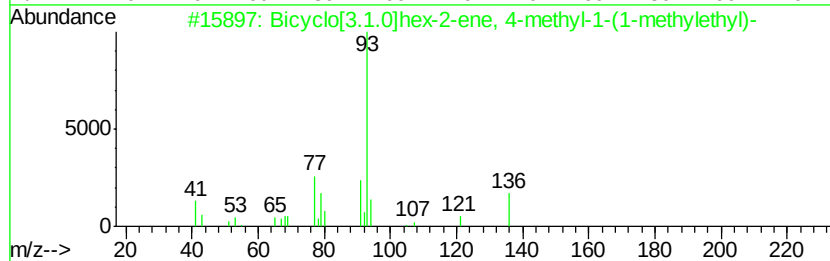
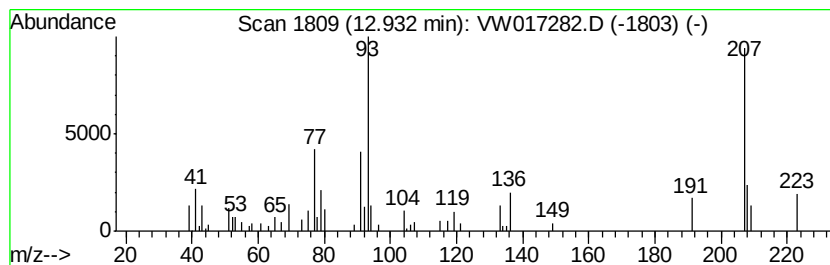
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	1.39 ug/L	25580	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	46
2		Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	38
3		.beta.-Phellandrene	136	C10H16	000555-10-2	38
4		.alpha.-Phellandrene	136	C10H16	000099-83-2	38
5		.gamma.-Terpinene	136	C10H16	000099-85-4	35



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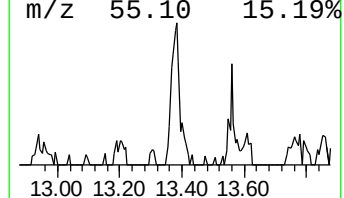
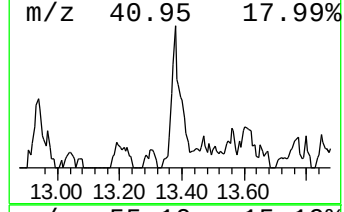
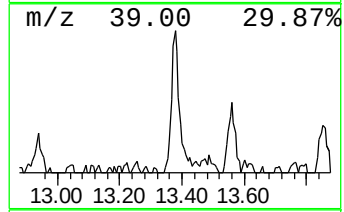
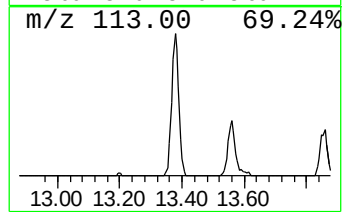
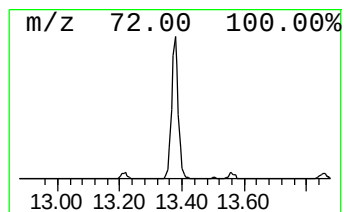
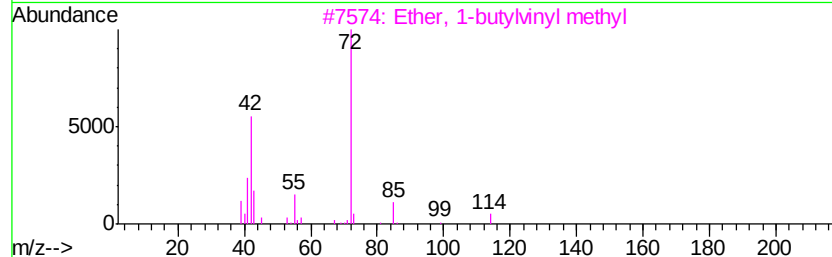
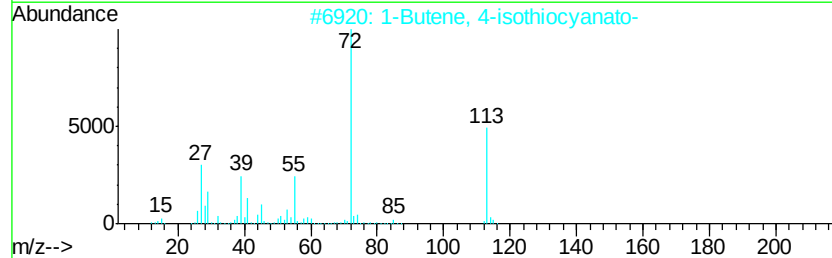
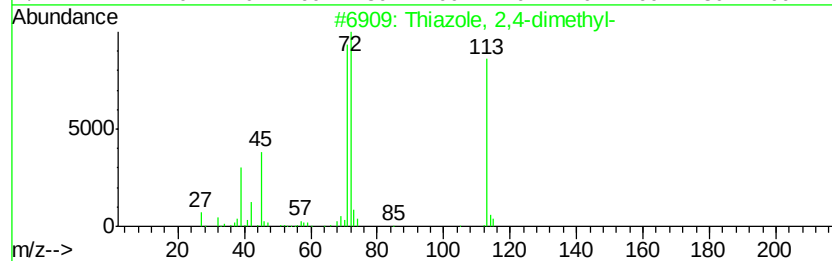
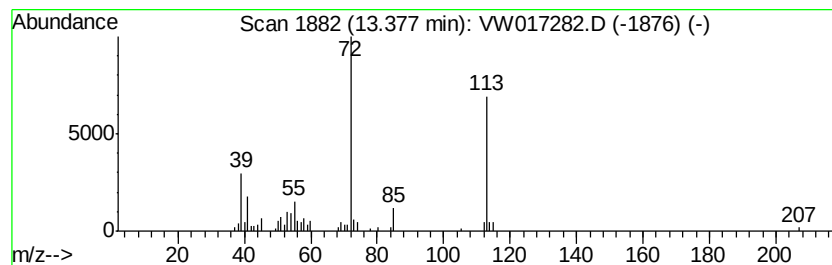
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Thiazole, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
13.38	2.09 ug/L	38650	1,4-Dichlorobenzene-d4		13.56		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiazole, 2,4-dimethyl-	113	C5H7NS	000541-58-2	64
2			1-Butene, 4-isothiocyanato-	113	C5H7NS	003386-97-8	64
3			Ether, 1-butylvinyl methyl	114	C7H14O	016519-66-7	49
4			Ether, 1-butylvinyl methyl	114	C7H14O	016519-66-7	43
5			Thiazole, 2,4-dimethyl-	113	C5H7NS	000541-58-2	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	12.93	1.4	ug/L	25580	3	13.56	461630	25.0
Thiazole, 2,4-dim...	13.38	2.1	ug/L	38650	3	13.56	461630	25.0