

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102418\
 Data File : VW006325.D
 Acq On : 24 Oct 2018 17:43
 Operator : SY/AP
 Sample : J5635-23
 Misc : 5.23G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40F9

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\SOM2WLM100918S.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	2.324	62	69	71	rBV	29306	49078	0.05%	0.018%
2	2.361	71	75	83	rVB	51053	108817	0.11%	0.039%
3	2.898	155	163	178	rBV	41484	119004	0.12%	0.043%
4	3.032	183	185	190	rBV6	695	1118	0.00%	0.000%
5	3.855	313	320	327	rBV5	1083	2708	0.00%	0.001%
6	4.013	336	346	360	rBV	100119	289086	0.29%	0.103%
7	4.147	360	368	376	rVV	8752	27488	0.03%	0.010%
8	4.470	419	421	429	rVV4	595	1601	0.00%	0.001%
9	4.915	483	494	504	rBV3	10427	34876	0.03%	0.012%
10	5.232	533	546	560	rVV4	2434	10974	0.01%	0.004%
11	5.940	651	662	671	rBV4	2174	6438	0.01%	0.002%
12	7.092	840	851	858	rBV	27554	79201	0.08%	0.028%
13	7.421	896	905	906	rBV4	611	1436	0.00%	0.001%
14	7.653	933	943	955	rVB	149624	365987	0.36%	0.131%
15	7.811	962	969	974	rBV5	774	1878	0.00%	0.001%
16	8.141	1014	1023	1024	rBV4	778	1544	0.00%	0.001%
17	8.208	1029	1034	1035	rVV4	1854	3052	0.00%	0.001%
18	8.281	1036	1046	1070	rVV2	288033	869486	0.86%	0.311%
19	8.439	1070	1072	1077	rVB2	1158	1273	0.00%	0.000%
20	8.586	1086	1096	1098	rBV4	1742	3993	0.00%	0.001%
21	8.634	1098	1104	1110	rVV4	3763	11126	0.01%	0.004%
22	8.701	1110	1115	1122	rVV6	3708	9580	0.01%	0.003%
23	8.768	1122	1126	1130	rVB4	1083	1686	0.00%	0.001%
24	8.848	1130	1139	1148	rBV	319186	626030	0.62%	0.224%
25	9.079	1170	1177	1183	rVB7	3030	7676	0.01%	0.003%
26	9.140	1183	1187	1191	rVB3	692	1150	0.00%	0.000%
27	9.281	1198	1210	1219	rBV	198173	410959	0.41%	0.147%
28	9.659	1268	1272	1276	rBV6	791	1437	0.00%	0.001%
29	9.738	1278	1285	1286	rBV4	2263	4612	0.00%	0.002%
30	9.799	1288	1295	1297	rBV4	3226	6423	0.01%	0.002%
31	10.037	1321	1334	1345	rBV	98959	201835	0.20%	0.072%
32	10.232	1355	1366	1367	rBV6	1470	3681	0.00%	0.001%
33	10.329	1374	1382	1389	rBV	362510	633338	0.63%	0.227%
34	10.390	1389	1392	1397	rVB	4121	6220	0.01%	0.002%

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35	10.482	1397	1407	1409	rBV3	4098	10219	0.01%	0.004%
36	10.579	1417	1423	1434	rVB	64081	117534	0.12%	0.042%
37	10.713	1438	1445	1449	rBV3	4240	7089	0.01%	0.003%
38	10.817	1457	1462	1465	rBV5	1523	3325	0.00%	0.001%
39	10.927	1474	1480	1492	rVB	118507	204253	0.20%	0.073%
40	11.079	1500	1505	1509	rBV6	1678	2923	0.00%	0.001%
41	11.183	1517	1522	1527	rVB3	3664	6162	0.01%	0.002%
42	11.292	1533	1540	1543	rBV6	1478	2906	0.00%	0.001%
43	11.463	1543	1568	1569	rBV4	29544	110596	0.11%	0.040%
44	11.634	1590	1596	1607	rVB	385036	699429	0.69%	0.250%
45	11.713	1607	1609	1617	rVB3	3638	7073	0.01%	0.003%
46	11.841	1622	1630	1640	rBV	9429	19045	0.02%	0.007%
47	12.170	1677	1684	1691	rVB	6167	11707	0.01%	0.004%
48	12.256	1694	1698	1702	rVB5	1144	1734	0.00%	0.001%
49	12.371	1706	1717	1722	rBV6	1376	3555	0.00%	0.001%
50	12.475	1725	1734	1743	rVB	75842	129551	0.13%	0.046%
51	12.615	1743	1757	1763	rBV2	16250	42394	0.04%	0.015%
52	12.695	1763	1770	1778	rBV	162749	286483	0.28%	0.103%
53	12.768	1778	1782	1791	rVB3	7281	18824	0.02%	0.007%
54	12.871	1793	1799	1800	rBV4	3642	4958	0.00%	0.002%
55	12.896	1801	1803	1807	rVB2	2613	3119	0.00%	0.001%
56	12.957	1807	1813	1821	rBV8	7492	22066	0.02%	0.008%
57	13.018	1821	1823	1824	rBV2	1279	1313	0.00%	0.000%
58	13.091	1831	1835	1838	rBV3	4478	8162	0.01%	0.003%
59	13.140	1840	1843	1844	rVV2	4913	5722	0.01%	0.002%
60	13.201	1844	1853	1859	rVB	88947	156163	0.15%	0.056%
61	13.255	1859	1862	1866	rVB2	4829	6667	0.01%	0.002%
62	13.310	1866	1871	1878	rBV	39721	58286	0.06%	0.021%
63	13.420	1878	1889	1894	rBV	197867	359031	0.35%	0.129%
64	13.505	1894	1903	1909	rVV	1548195	2581112	2.55%	0.924%
65	13.585	1909	1916	1930	rVB	24421844	39087387	38.64%	13.994%
66	13.719	1930	1938	1941	rBV3	17288	33550	0.03%	0.012%
67	13.774	1941	1947	1955	rVV3	132843	288311	0.28%	0.103%
68	13.877	1955	1964	1972	rVV2	2817699	4869433	4.81%	1.743%
69	13.957	1972	1977	1982	rVB2	46822	100558	0.10%	0.036%
70	14.048	1988	1992	1993	rBV2	20923	26057	0.03%	0.009%
71	14.085	1993	1998	2001	rVV2	69055	139029	0.14%	0.050%

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72	14.121	2001	2004	2014	rVB2	144995	291179	0.29%	0.104%
73	14.200	2014	2017	2020	rBV2	9726	14276	0.01%	0.005%
74	14.267	2020	2028	2029	rBV	54120	93869	0.09%	0.034%
75	14.383	2042	2047	2049	rBV3	16215	28039	0.03%	0.010%
76	14.432	2050	2055	2058	rBV3	30124	57309	0.06%	0.021%
77	14.481	2058	2063	2064	rBV	134655	187309	0.19%	0.067%
78	14.511	2064	2068	2076	rVB3	316187	746189	0.74%	0.267%
79	14.597	2076	2082	2088	rBV	644601	1213032	1.20%	0.434%
80	14.694	2095	2098	2103	rVB3	28965	45887	0.05%	0.016%
81	14.755	2103	2108	2114	rBV	462293	779848	0.77%	0.279%
82	14.859	2121	2125	2128	rBV2	19746	32648	0.03%	0.012%
83	14.932	2130	2137	2144	rVB3	267101	545882	0.54%	0.195%
84	14.993	2144	2147	2157	rVB	29641	60278	0.06%	0.022%
85	15.084	2159	2162	2163	rBV2	3010	3226	0.00%	0.001%
86	15.139	2163	2171	2177	rBV	47970413	101168760	100.00%	36.220%
87	15.200	2179	2181	2186	rVB	37009595	39711707	39.25%	14.217%
88	15.420	2214	2217	2222	rVB2	11024	16623	0.02%	0.006%
89	15.572	2233	2242	2244	rBV2	45741753	79476245	78.56%	28.454%
90	15.779	2273	2276	2280	rBV6	5129	8263	0.01%	0.003%
91	15.840	2280	2286	2302	rVB3	37696	96909	0.10%	0.035%
92	15.974	2304	2308	2313	rVB8	3223	5846	0.01%	0.002%
93	16.084	2317	2326	2334	rVB2	37840	108989	0.11%	0.039%
94	16.182	2339	2342	2346	rBV5	4828	7041	0.01%	0.003%
95	16.237	2346	2351	2353	rBV2	9212	14591	0.01%	0.005%
96	16.279	2353	2358	2369	rVB	36280	85990	0.08%	0.031%
97	16.407	2371	2379	2385	rBV3	44482	111345	0.11%	0.040%
98	16.487	2385	2392	2402	rVB	202688	383127	0.38%	0.137%
99	16.615	2403	2413	2424	rVB	281322	632935	0.63%	0.227%
100	16.749	2426	2435	2441	rBV3	14312	48320	0.05%	0.017%

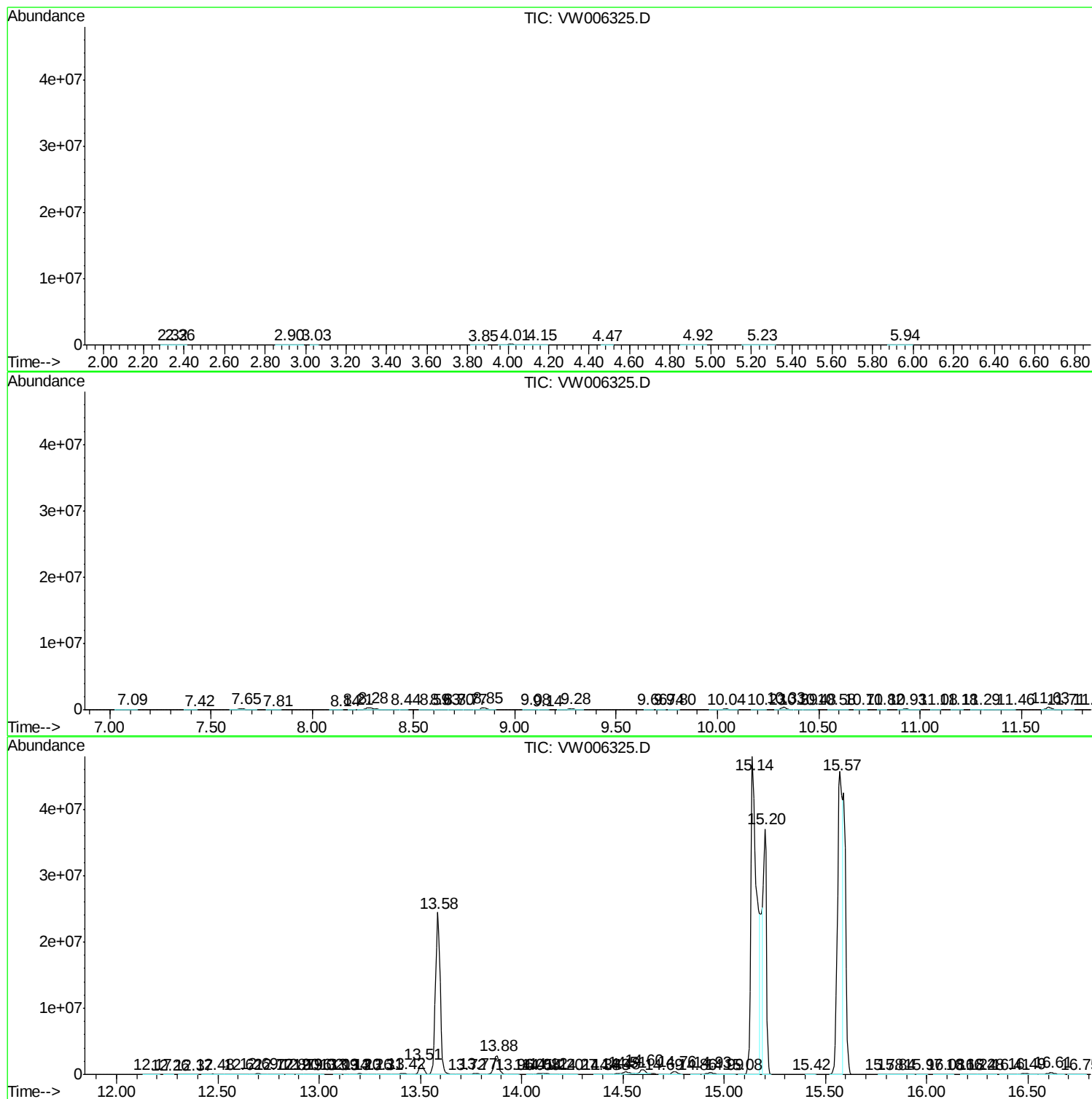
Sum of corrected areas: 279316179

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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



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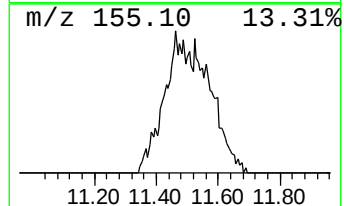
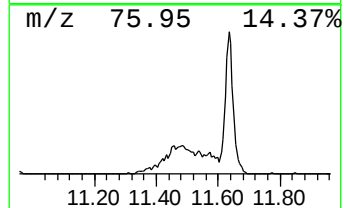
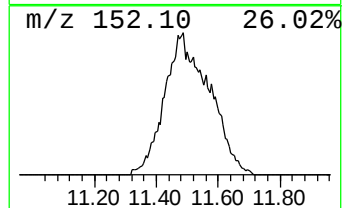
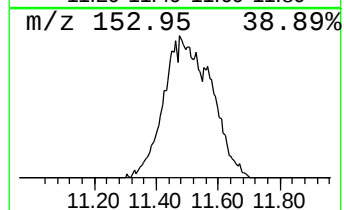
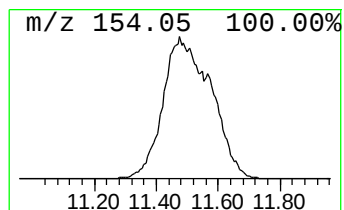
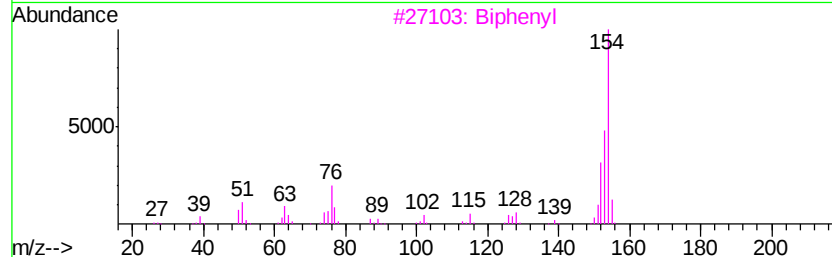
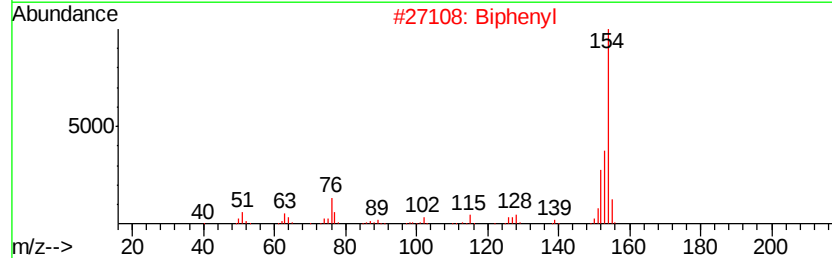
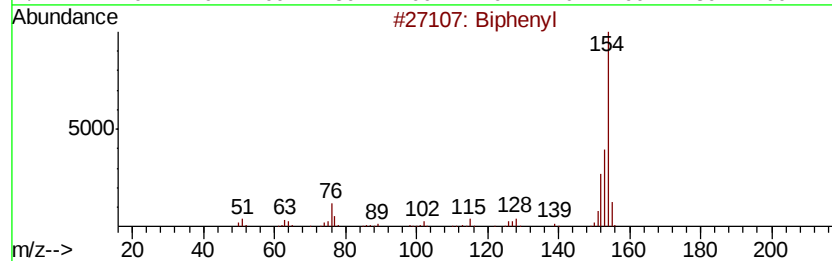
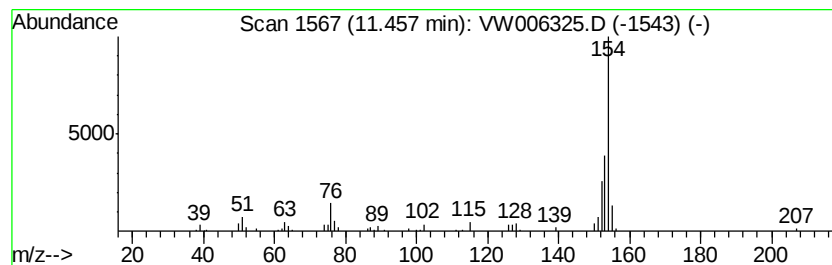
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 2 Biphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	3.95 ug/L	110596	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenyl	154	C12H10	000092-52-4	95
2		Biphenyl	154	C12H10	000092-52-4	94
3		Biphenyl	154	C12H10	000092-52-4	87
4		Biphenyl	154	C12H10	000092-52-4	87
5		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	74



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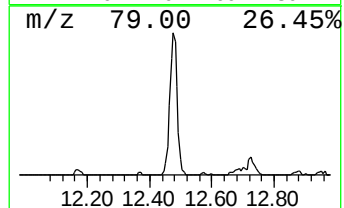
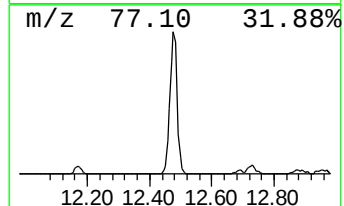
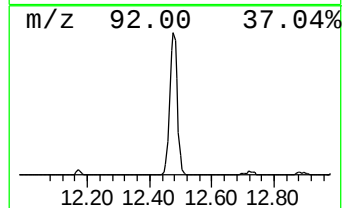
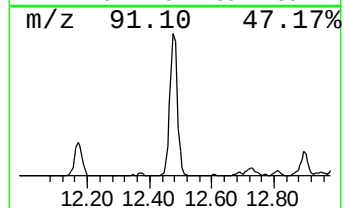
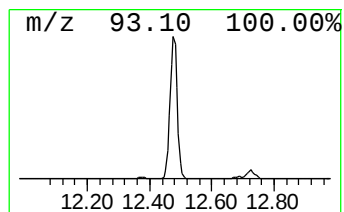
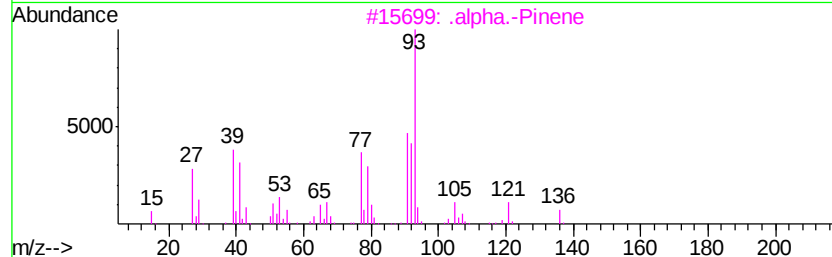
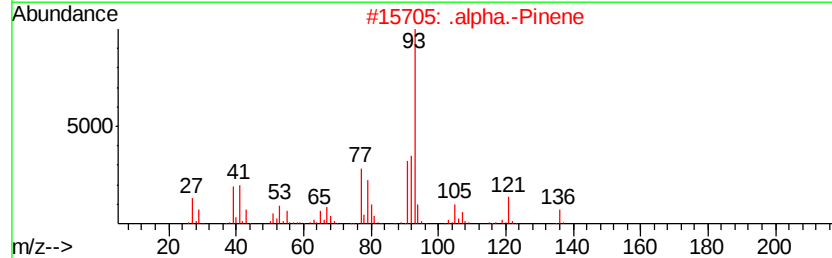
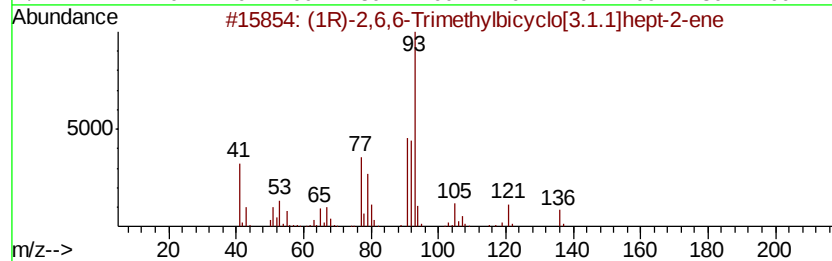
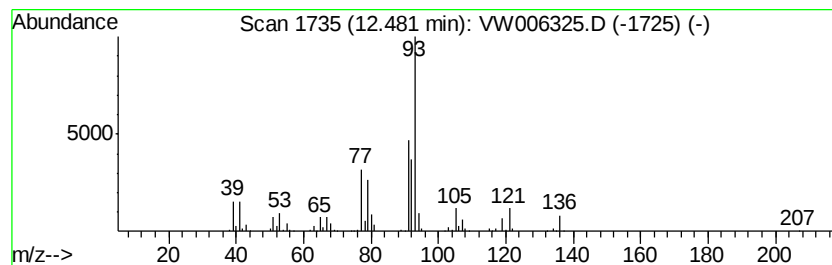
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	4.63 ug/L	129551	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	96
2		.alpha.-Pinene	136	C10H16	000080-56-8	95
3		.alpha.-Pinene	136	C10H16	000080-56-8	95
4		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	94
5		.alpha.-Pinene	136	C10H16	000080-56-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Biphenyl	11.46	4.0	ug/L	110596	2	11.63	699429	25.0
(1R)-2,6,6-Trimet...	12.48	4.6	ug/L	129551	2	11.63	699429	25.0