

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103018\
 Data File : VW006460.D
 Acq On : 29 Oct 2018 17:15
 Operator : SY/AP
 Sample : J5705-10
 Misc : 4.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A40J0

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	2.361	69	75	86	rVB	45207	96213	10.25%	1.271%
2	2.897	156	163	180	rVB	41537	120562	12.84%	1.592%
3	3.928	331	332	334	rBV2	362	322	0.03%	0.004%
4	4.013	335	346	361	rBV	94250	280080	29.83%	3.699%
5	4.257	384	386	390	rVB3	169	218	0.02%	0.003%
6	4.373	403	405	406	rBV	193	153	0.02%	0.002%
7	4.610	441	444	447	rBV	334	344	0.04%	0.005%
8	4.659	449	452	453	rBV2	245	266	0.03%	0.004%
9	4.915	485	494	507	rVB3	3089	10207	1.09%	0.135%
10	5.257	549	550	552	rVB2	442	210	0.02%	0.003%
11	5.293	552	556	559	rVV	184	293	0.03%	0.004%
12	5.421	574	577	579	rBV2	265	364	0.04%	0.005%
13	6.007	672	673	677	rVB2	190	203	0.02%	0.003%
14	6.116	690	691	695	rVV3	191	240	0.03%	0.003%
15	6.147	695	696	698	rVV	177	135	0.01%	0.002%
16	6.183	701	702	705	rBV2	272	255	0.03%	0.003%
17	6.311	721	723	731	rVB2	272	476	0.05%	0.006%
18	6.378	733	734	737	rVB	210	163	0.02%	0.002%
19	6.409	737	739	742	rVB2	147	134	0.01%	0.002%
20	6.439	742	744	746	rBV2	185	154	0.02%	0.002%
21	6.592	766	769	771	rBV2	146	204	0.02%	0.003%
22	6.616	771	773	776	rVB2	280	231	0.02%	0.003%
23	6.775	794	799	800	rBV2	174	233	0.02%	0.003%
24	7.012	836	838	840	rVB	175	163	0.02%	0.002%
25	7.092	840	851	858	rBV	27355	79287	8.44%	1.047%
26	7.348	890	893	894	rBV2	210	171	0.02%	0.002%
27	7.384	898	899	902	rBV	276	261	0.03%	0.003%
28	7.549	922	926	929	rVV4	504	712	0.08%	0.009%
29	7.653	932	943	954	rBV	161429	393783	41.93%	5.201%
30	7.823	968	971	973	rVV2	281	326	0.03%	0.004%
31	7.909	983	985	988	rVB3	218	245	0.03%	0.003%
32	7.951	988	992	994	rBV4	308	431	0.05%	0.006%
33	8.024	1003	1004	1006	rBV	218	169	0.02%	0.002%
34	8.049	1006	1008	1009	rVV	197	162	0.02%	0.002%

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 Title : VOC Analysis

35	8.067	1009	1011	1015	rVV3	411	529	0.06%	0.007%
36	8.146	1019	1024	1025	rBV2	299	318	0.03%	0.004%
37	8.281	1036	1046	1064	rBV2	299330	896274	95.45%	11.838%
38	8.470	1075	1077	1078	rVB	274	166	0.02%	0.002%
39	8.494	1078	1081	1082	rBV2	287	259	0.03%	0.003%
40	8.683	1109	1112	1113	rBV2	476	481	0.05%	0.006%
41	8.847	1129	1139	1148	rBV	394250	768377	81.83%	10.148%
42	9.036	1167	1170	1171	rBV2	243	306	0.03%	0.004%
43	9.073	1171	1176	1177	rBV5	1089	1569	0.17%	0.021%
44	9.280	1201	1210	1229	rBV	209301	425883	45.35%	5.625%
45	9.603	1260	1263	1265	rBV	211	335	0.04%	0.004%
46	9.664	1268	1273	1280	rVB3	1210	2359	0.25%	0.031%
47	10.036	1327	1334	1343	rBV	109270	197087	20.99%	2.603%
48	10.256	1368	1370	1371	rVB2	347	172	0.02%	0.002%
49	10.329	1374	1382	1389	rVV	450140	782264	83.31%	10.332%
50	10.390	1389	1392	1399	rVB	6429	10388	1.11%	0.137%
51	10.506	1409	1411	1412	rBV	646	467	0.05%	0.006%
52	10.585	1417	1424	1432	rVB	72051	126368	13.46%	1.669%
53	10.646	1432	1434	1435	rVB2	419	253	0.03%	0.003%
54	10.707	1439	1444	1450	rBV2	2253	4785	0.51%	0.063%
55	10.865	1467	1470	1474	rBV4	806	1033	0.11%	0.014%
56	10.932	1474	1481	1495	rBV	113936	197102	20.99%	2.603%
57	11.073	1500	1504	1508	rVB4	1280	2109	0.22%	0.028%
58	11.115	1508	1511	1515	rVB3	232	274	0.03%	0.004%
59	11.152	1515	1517	1519	rBV2	199	192	0.02%	0.003%
60	11.317	1542	1544	1547	rBV2	138	175	0.02%	0.002%
61	11.347	1547	1549	1551	rVB2	205	150	0.02%	0.002%
62	11.420	1558	1561	1562	rBV2	187	193	0.02%	0.003%
63	11.499	1572	1574	1577	rVB2	238	182	0.02%	0.002%
64	11.530	1577	1579	1580	rBV2	225	157	0.02%	0.002%
65	11.548	1580	1582	1584	rVB2	294	170	0.02%	0.002%
66	11.634	1589	1596	1608	rBV	547416	939032	100.00%	12.402%
67	11.780	1617	1620	1623	rBB2	171	205	0.02%	0.003%
68	11.841	1626	1630	1636	rVV	1366	2651	0.28%	0.035%
69	11.908	1639	1641	1642	rBV2	207	157	0.02%	0.002%
70	12.005	1650	1657	1663	rVB	33957	53641	5.71%	0.708%
71	12.170	1681	1684	1692	rVB4	1676	3183	0.34%	0.042%

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72	12.335	1709	1711	1713	rBV2	296	252	0.03%	0.003%
73	12.475	1728	1734	1742	rVB	55635	93444	9.95%	1.234%
74	12.542	1742	1745	1746	rVV	553	434	0.05%	0.006%
75	12.566	1746	1749	1751	rVV2	1472	2063	0.22%	0.027%
76	12.615	1752	1757	1763	rVV	9624	15721	1.67%	0.208%
77	12.694	1763	1770	1782	rVV	193837	338450	36.04%	4.470%
78	12.804	1786	1788	1791	rVB2	239	171	0.02%	0.002%
79	12.865	1796	1798	1801	rBV3	422	392	0.04%	0.005%
80	12.944	1807	1811	1814	rBV4	1106	1985	0.21%	0.026%
81	13.030	1821	1825	1832	rVB3	1649	2591	0.28%	0.034%
82	13.097	1834	1836	1837	rBV2	165	174	0.02%	0.002%
83	13.170	1844	1848	1849	rBV2	412	558	0.06%	0.007%
84	13.237	1857	1859	1861	rBV2	338	447	0.05%	0.006%
85	13.292	1866	1868	1870	rVV2	409	320	0.03%	0.004%
86	13.414	1882	1888	1892	rVB5	1702	2900	0.31%	0.038%
87	13.481	1894	1899	1901	rVV4	1879	2935	0.31%	0.039%
88	13.566	1905	1913	1925	rVV	564527	910065	96.92%	12.020%
89	13.652	1925	1927	1933	rVB3	2602	3946	0.42%	0.052%
90	13.773	1944	1947	1954	rVB4	1029	1401	0.15%	0.019%
91	13.859	1954	1961	1970	rBV	447966	724721	77.18%	9.572%
92	13.987	1980	1982	1984	rBV2	249	271	0.03%	0.004%
93	14.084	1992	1998	2007	rVB2	10845	18663	1.99%	0.246%
94	14.145	2007	2008	2012	rBV3	313	399	0.04%	0.005%
95	14.334	2035	2039	2044	rVV6	1520	2176	0.23%	0.029%
96	14.529	2065	2071	2076	rVB3	1816	3466	0.37%	0.046%
97	14.633	2085	2088	2093	rVB2	1171	1337	0.14%	0.018%
98	14.724	2099	2103	2108	rBV5	653	1251	0.13%	0.017%
99	14.895	2125	2131	2137	rVB2	14239	23189	2.47%	0.306%
100	15.511	2227	2232	2237	rVB	6651	11084	1.18%	0.146%

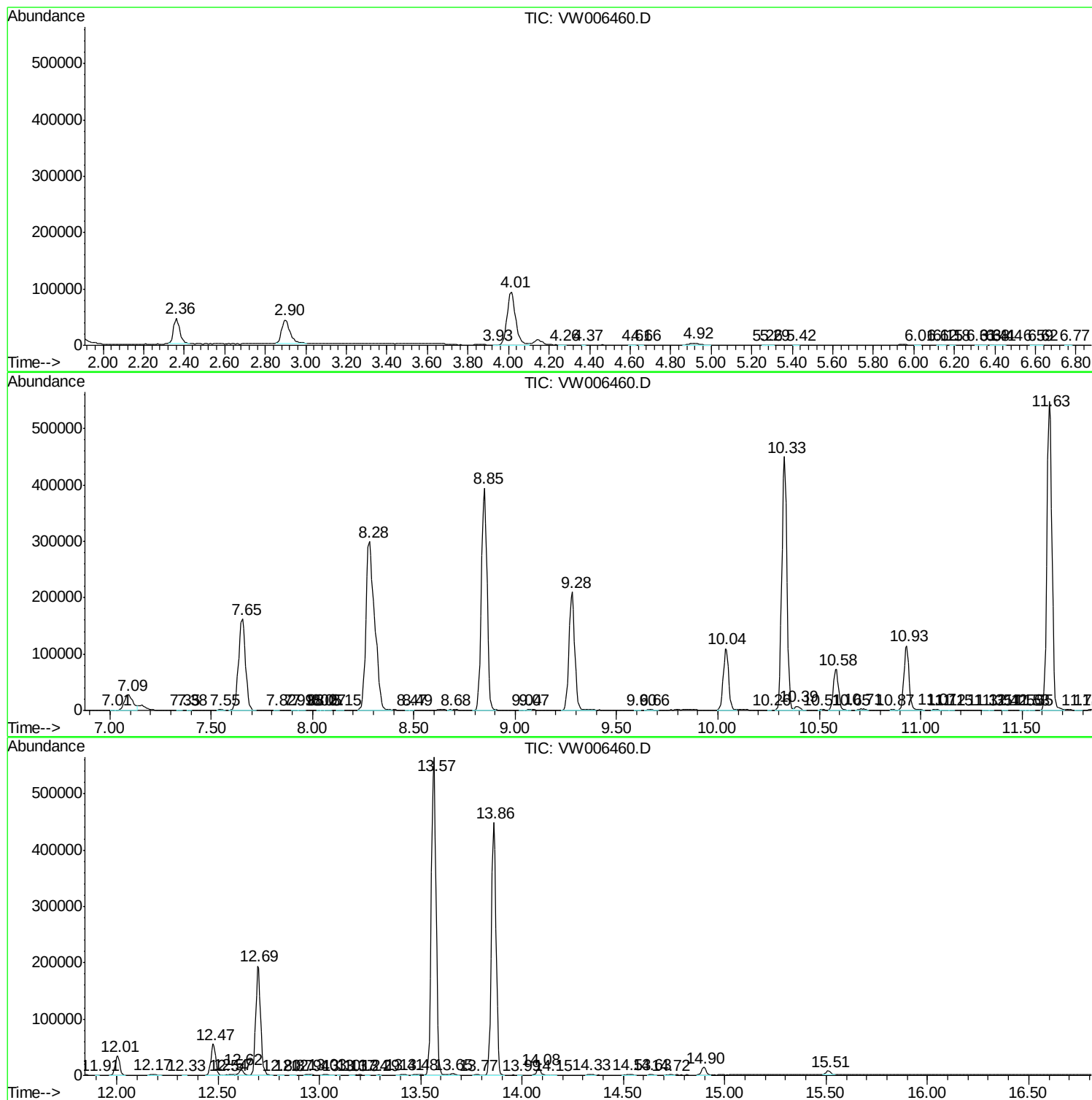
Sum of corrected areas: 7571422

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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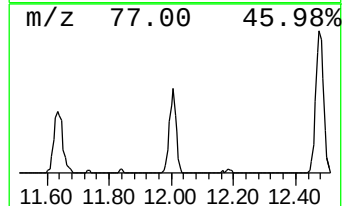
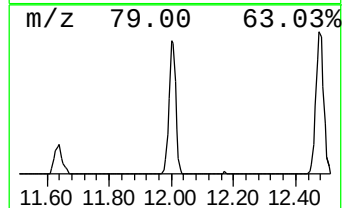
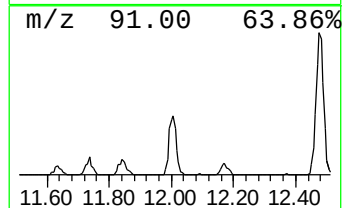
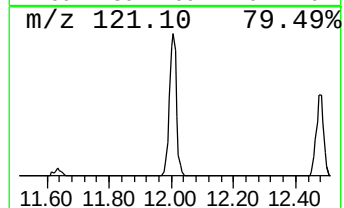
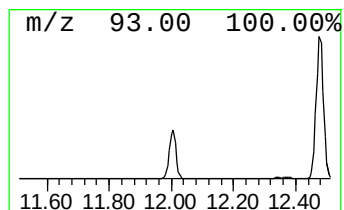
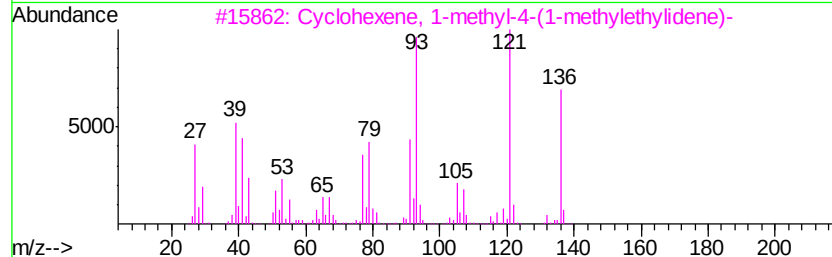
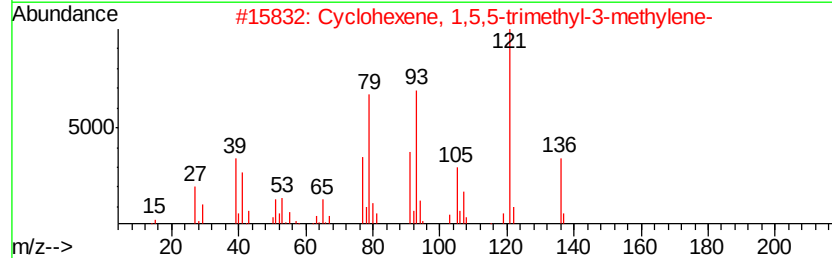
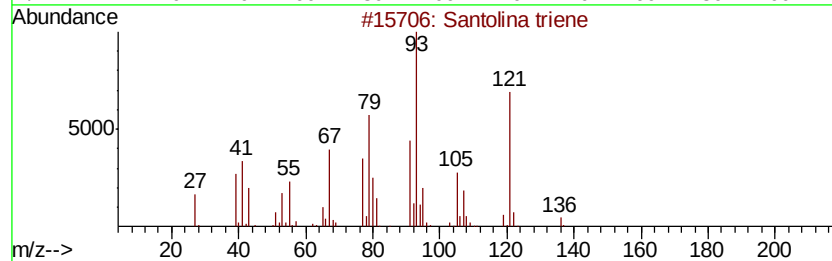
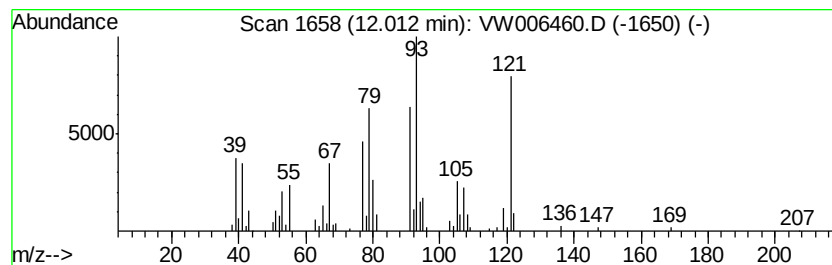
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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

Peak Number 2 Santolina triene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	1.43 ug/L	53641	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Santolina triene	136	C10H16	002153-66-4	96
2		Cyclohexene, 1,5,5-trimethyl-3-m...	136	C10H16	016609-28-2	70
3		Cyclohexene, 1-methyl-4-(1-methv...	136	C10H16	000586-62-9	64
4		Santolina triene	136	C10H16	002153-66-4	53
5		Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	52



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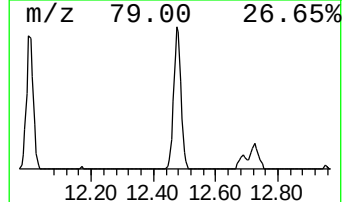
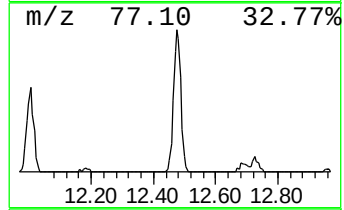
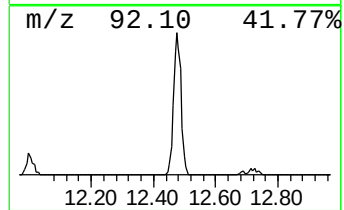
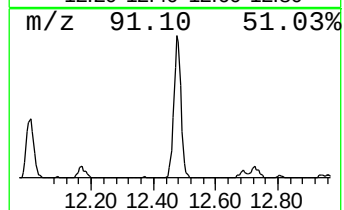
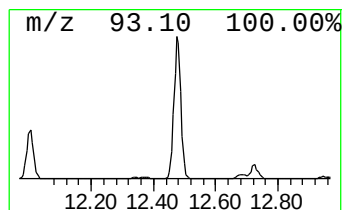
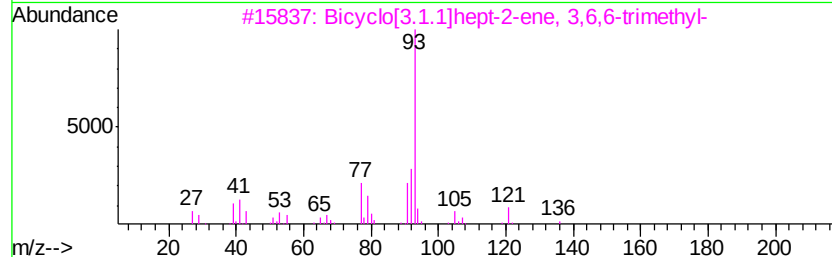
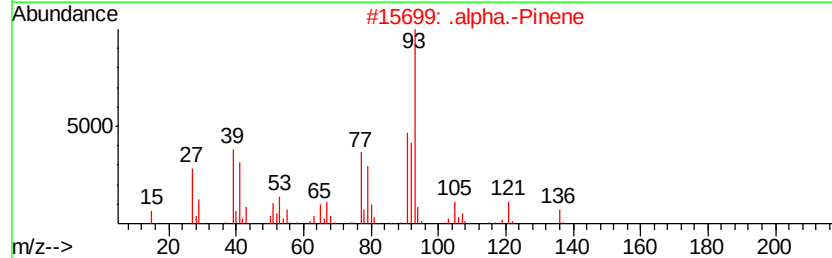
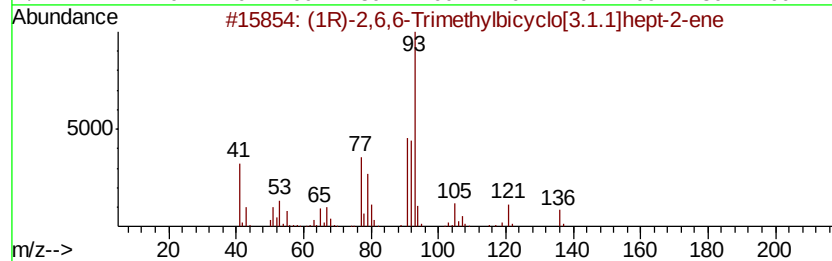
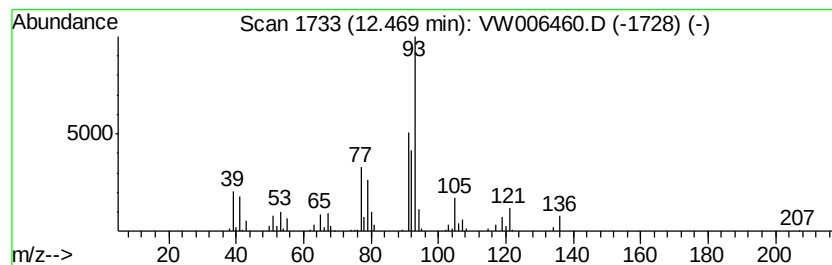
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	2.49 ug/L	93444	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	94
2		.alpha.-Pinene	136	C10H16	000080-56-8	94
3		Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	91
4		(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	91
5		(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-70-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Santolina triene	12.01	1.4	ug/L	53641	2	11.63	939032	25.0
(1R)-2,6,6-Trimet...	12.47	2.5	ug/L	93444	2	11.63	939032	25.0