

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010186.D
 Acq On : 29 Apr 2019 18:00
 Operator : SY/VA
 Sample : K2596-05
 Misc : 4.03G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFH42

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\SOM2WLM042919S.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	48	rBV3	12419	21715	1.32%	0.157%
2	2.355	68	74	93	rVB	74185	181930	11.08%	1.316%
3	2.891	155	162	177	rVB2	63734	185668	11.31%	1.343%
4	4.007	334	345	361	rBV	145041	516075	31.42%	3.734%
5	4.336	395	399	401	rBV3	807	1241	0.08%	0.009%
6	4.391	402	408	420	rVB3	4074	13094	0.80%	0.095%
7	4.592	439	441	445	rBV3	822	1268	0.08%	0.009%
8	4.647	445	450	451	rBV3	710	974	0.06%	0.007%
9	4.903	481	492	507	rBV3	24486	97216	5.92%	0.703%
10	5.397	572	573	580	rVB3	901	1108	0.07%	0.008%
11	5.580	600	603	606	rVB2	914	1157	0.07%	0.008%
12	5.933	650	661	669	rVV5	4972	15477	0.94%	0.112%
13	6.122	689	692	698	rVB2	573	1090	0.07%	0.008%
14	6.385	730	735	738	rBV2	659	1151	0.07%	0.008%
15	6.592	767	769	774	rBV3	689	1175	0.07%	0.009%
16	7.080	839	849	864	rBV2	50811	150427	9.16%	1.088%
17	7.378	895	898	900	rBV3	852	1211	0.07%	0.009%
18	7.421	900	905	908	rBV3	859	1233	0.08%	0.009%
19	7.512	916	920	921	rBV3	1225	1551	0.09%	0.011%
20	7.531	921	923	930	rVB4	1770	3283	0.20%	0.024%
21	7.640	932	941	953	rBV	316969	759427	46.24%	5.494%
22	7.915	983	986	987	rBV	774	952	0.06%	0.007%
23	8.274	1035	1045	1060	rBV2	546720	1641847	99.97%	11.878%
24	8.396	1063	1065	1069	rVB3	972	1440	0.09%	0.010%
25	8.616	1098	1101	1102	rBV2	1161	989	0.06%	0.007%
26	8.628	1102	1103	1108	rVB3	1378	1449	0.09%	0.010%
27	8.677	1108	1111	1113	rBV2	1052	1173	0.07%	0.008%
28	8.841	1129	1138	1149	rVV	723928	1412153	85.99%	10.216%
29	9.079	1171	1177	1182	rVB5	5527	10210	0.62%	0.074%
30	9.134	1182	1186	1189	rBV3	579	950	0.06%	0.007%
31	9.165	1189	1191	1194	rVB2	1038	1125	0.07%	0.008%
32	9.274	1199	1209	1218	rBV	405092	829340	50.50%	6.000%
33	9.378	1225	1226	1231	rVB2	1042	1169	0.07%	0.008%
34	9.658	1268	1272	1278	rVB4	1955	3475	0.21%	0.025%

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 Title : VOC Analysis

35	9.762	1287	1289	1293	rBV2	1144	1773	0.11%	0.013%
36	9.884	1305	1309	1315	rVB7	2745	5231	0.32%	0.038%
37	10.036	1324	1334	1343	rBV	187552	345993	21.07%	2.503%
38	10.116	1346	1347	1354	rVB6	2178	3324	0.20%	0.024%
39	10.250	1366	1369	1372	rVB4	1629	1740	0.11%	0.013%
40	10.323	1373	1381	1389	rBV	762511	1309825	79.76%	9.476%
41	10.396	1389	1393	1396	rVV3	5486	9955	0.61%	0.072%
42	10.427	1396	1398	1404	rVB5	3350	4913	0.30%	0.036%
43	10.579	1416	1423	1434	rVB	128960	220068	13.40%	1.592%
44	10.701	1439	1443	1450	rVB2	4807	7939	0.48%	0.057%
45	10.798	1452	1459	1460	rBV5	2764	5217	0.32%	0.038%
46	10.847	1464	1467	1473	rVB6	3934	7389	0.45%	0.053%
47	10.926	1473	1480	1491	rBV	208872	365360	22.25%	2.643%
48	11.073	1502	1504	1511	rVB5	3238	6091	0.37%	0.044%
49	11.219	1526	1528	1530	rVB2	1288	1046	0.06%	0.008%
50	11.292	1534	1540	1543	rBV8	2436	5617	0.34%	0.041%
51	11.481	1569	1571	1573	rVB3	1298	954	0.06%	0.007%
52	11.530	1575	1579	1580	rBV4	2421	3145	0.19%	0.023%
53	11.634	1588	1596	1609	rBV	977510	1642308	100.00%	11.881%
54	11.810	1623	1625	1626	rBV2	1170	1038	0.06%	0.008%
55	11.841	1626	1630	1633	rVV5	4727	7876	0.48%	0.057%
56	11.938	1644	1646	1648	rBV2	1742	1468	0.09%	0.011%
57	12.170	1680	1684	1691	rVB5	4361	7375	0.45%	0.053%
58	12.262	1697	1699	1702	rVB4	1269	1389	0.08%	0.010%
59	12.371	1707	1717	1725	rBV	160095	280108	17.06%	2.026%
60	12.469	1728	1733	1740	rVB3	16926	29637	1.80%	0.214%
61	12.518	1740	1741	1744	rBV3	1096	1131	0.07%	0.008%
62	12.609	1750	1756	1762	rVB	14438	25113	1.53%	0.182%
63	12.694	1762	1770	1783	rBV	315470	606801	36.95%	4.390%
64	12.871	1797	1799	1804	rVV4	1678	2767	0.17%	0.020%
65	12.938	1804	1810	1812	rVV6	2343	4552	0.28%	0.033%
66	13.024	1820	1824	1829	rVV4	7196	12810	0.78%	0.093%
67	13.079	1831	1833	1836	rVV4	1142	1212	0.07%	0.009%
68	13.121	1836	1840	1843	rVV4	2080	4089	0.25%	0.030%
69	13.182	1843	1850	1857	rVV	103606	182097	11.09%	1.317%
70	13.249	1857	1861	1866	rVV5	4078	8753	0.53%	0.063%
71	13.304	1866	1870	1875	rVB4	4767	7026	0.43%	0.051%

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72	13.408	1881	1887	1892	rBV6	9183	15957	0.97%	0.115%
73	13.475	1892	1898	1901	rBV5	9128	17297	1.05%	0.125%
74	13.560	1905	1912	1926	rVB	951412	1488067	90.61%	10.765%
75	13.713	1935	1937	1939	rVB2	1915	1569	0.10%	0.011%
76	13.767	1939	1946	1950	rBV5	4418	8698	0.53%	0.063%
77	13.853	1953	1960	1967	rBV	687208	1151788	70.13%	8.333%
78	14.023	1985	1988	1990	rBV3	1075	1168	0.07%	0.008%
79	14.078	1991	1997	2003	rVB2	19491	31641	1.93%	0.229%
80	14.334	2033	2039	2043	rBV6	5212	9820	0.60%	0.071%
81	14.499	2064	2066	2070	rVV4	1330	1729	0.11%	0.013%
82	14.633	2085	2088	2092	rVV4	2325	2781	0.17%	0.020%
83	14.700	2097	2099	2101	rBV4	1502	1230	0.07%	0.009%
84	14.725	2101	2103	2107	rVB4	1237	1478	0.09%	0.011%
85	14.950	2137	2140	2141	rBV3	902	1065	0.06%	0.008%
86	14.981	2141	2145	2148	rVV4	1747	2812	0.17%	0.020%
87	15.072	2156	2160	2165	rVB7	4210	6925	0.42%	0.050%
88	15.188	2177	2179	2182	rBV3	1104	1007	0.06%	0.007%
89	15.371	2205	2209	2213	rVV4	4261	7701	0.47%	0.056%
90	15.444	2213	2221	2226	rVV4	13879	30703	1.87%	0.222%
91	15.505	2226	2231	2236	rVB	11080	18134	1.10%	0.131%
92	15.810	2277	2281	2285	rBV6	4134	6334	0.39%	0.046%
93	15.974	2303	2308	2310	rBV4	2099	3183	0.19%	0.023%
94	16.157	2336	2338	2342	rVB4	1076	1272	0.08%	0.009%
95	16.188	2342	2343	2347	rBV4	1648	1901	0.12%	0.014%
96	16.255	2351	2354	2357	rBV4	1125	1310	0.08%	0.009%
97	16.346	2365	2369	2371	rBV5	1245	2151	0.13%	0.016%
98	16.407	2376	2379	2382	rBV5	1492	1967	0.12%	0.014%
99	16.450	2382	2386	2390	rBV7	2097	3938	0.24%	0.028%
100	16.535	2397	2400	2403	rVB2	1953	2071	0.13%	0.015%

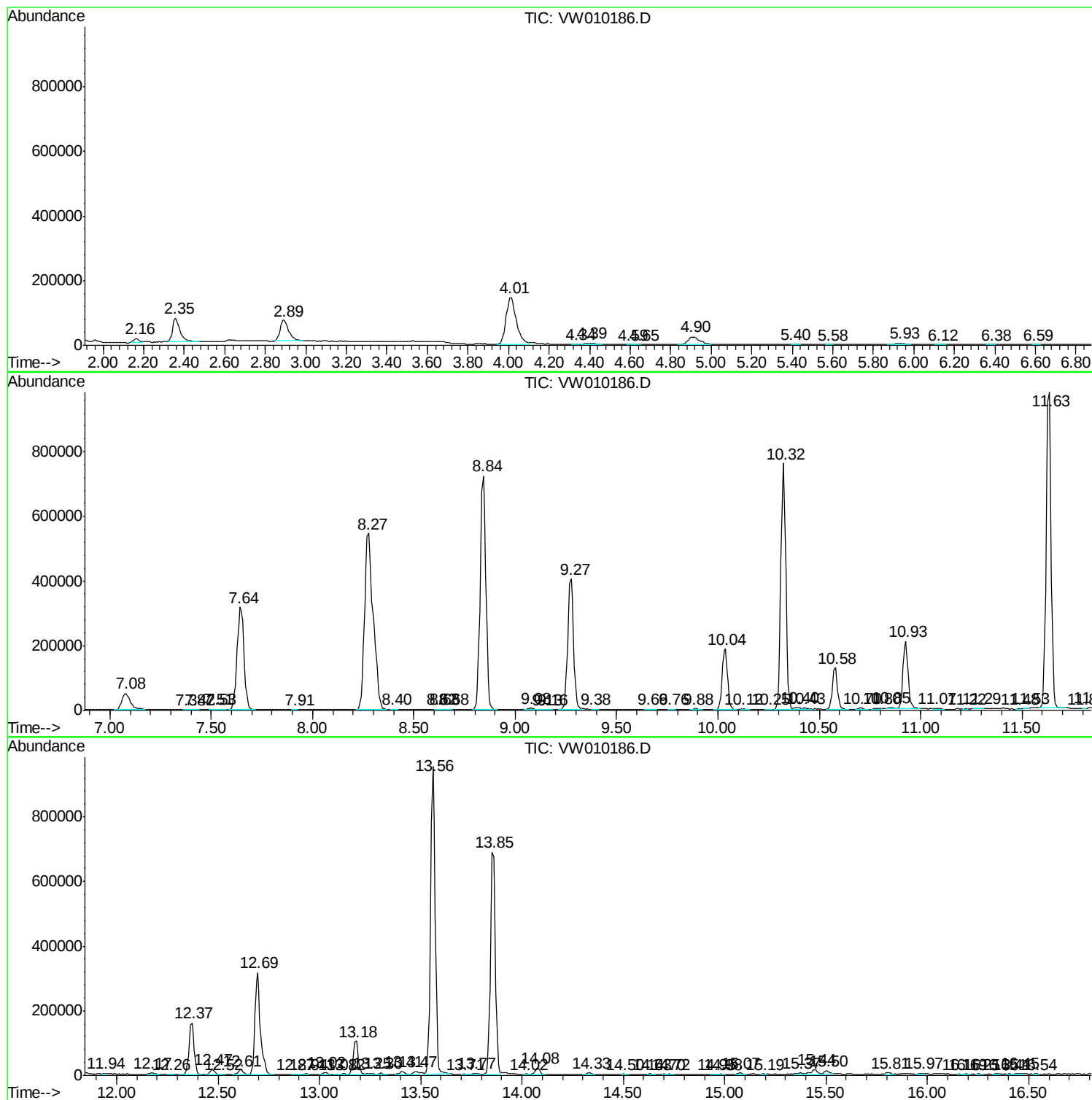
Sum of corrected areas: 13822570

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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



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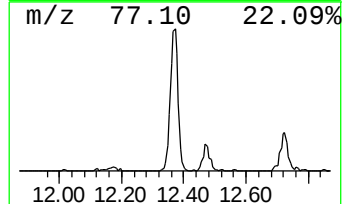
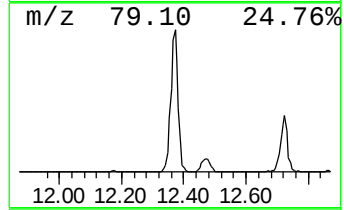
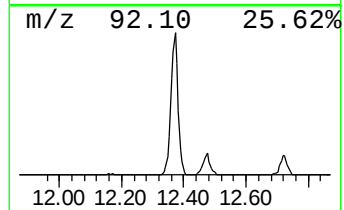
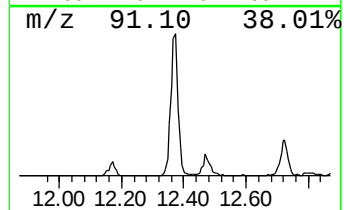
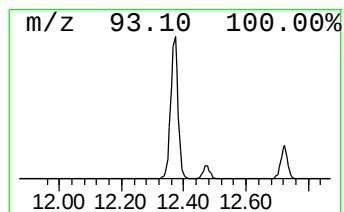
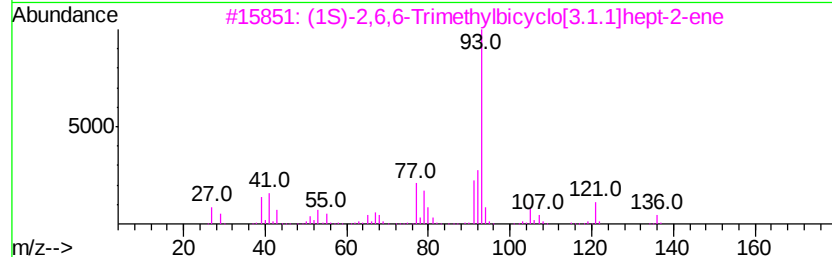
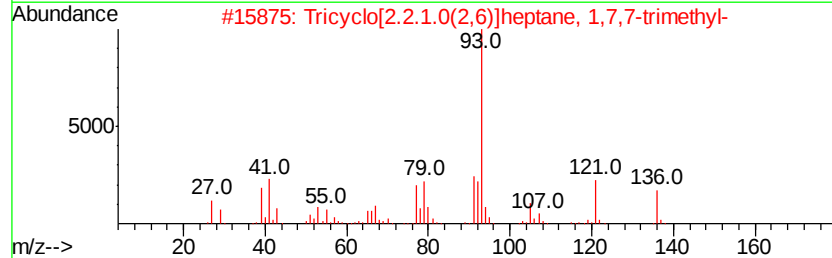
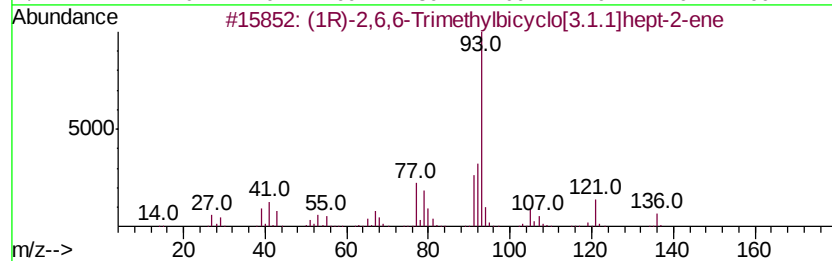
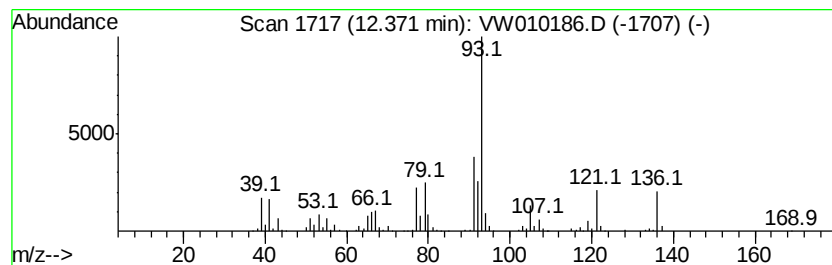
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.37	4.26 ug/L	280108	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	Tricyclo[2.2.1.0(2,6)]heptane, 1,7,7-trimethyl-	136	C10H16	000508-32-7	96
3	(1S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene	136	C10H16	007785-26-4	95
4	(+)-3-Carene	136	C10H16	000498-15-7	94
5	Tricyclo[2.2.1.0(2,6)]heptane, 1,7,7-trimethyl-	136	C10H16	000508-32-7	94



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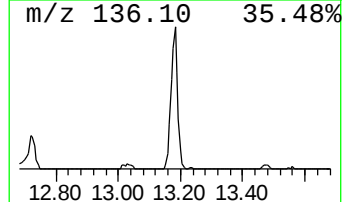
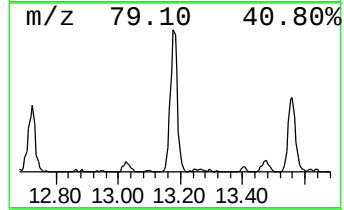
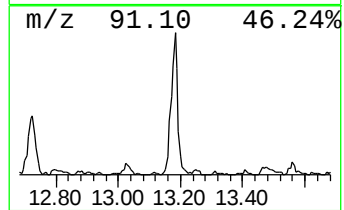
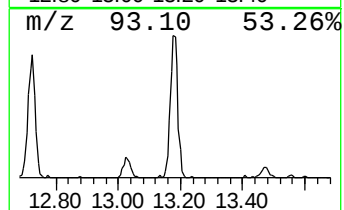
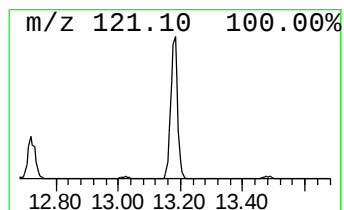
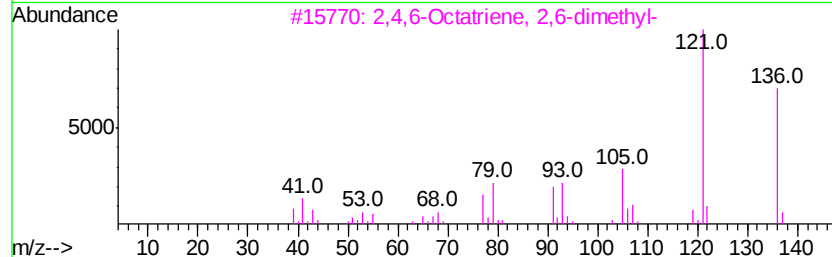
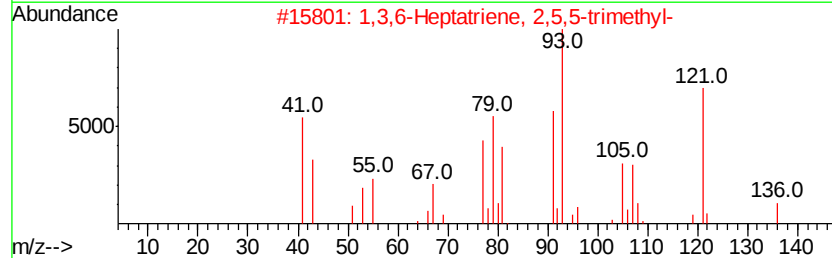
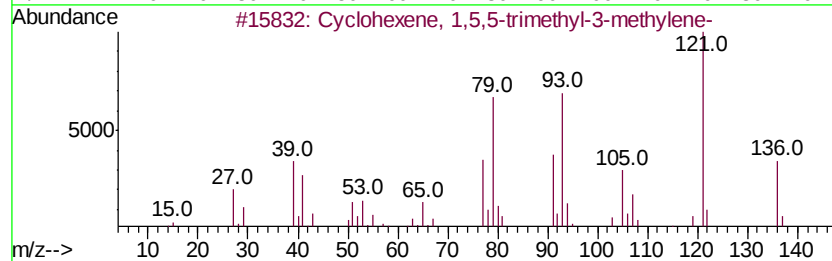
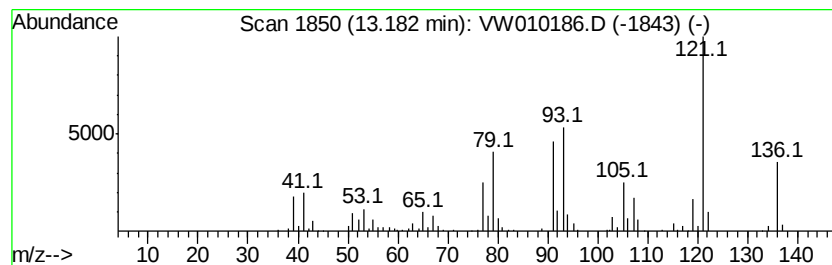
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexene, 1,5,5-trimethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	3.06 ug/L	182097	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1,5,5-trimethyl-3-m...	136	C10H16	016609-28-2	91
2		1,3,6-Heptatriene, 2,5,5-trimethyl-	136	C10H16	029548-02-5	90
3		2,4,6-Octatriene, 2,6-dimethyl-	136	C10H16	000673-84-7	83
4		Cyclohexene, 3-methyl-6-(1-methyl...	136	C10H16	000586-63-0	81
5		Bicyclo[3.1.0]hex-2-ene, 4,4,6,6...	136	C10H16	019487-09-3	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	12.37	4.3	ug/L	280108	2	11.63	1642310	25.0
Cyclohexene, 1,5,...	13.18	3.1	ug/L	182097	3	13.56	1488070	25.0