LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\
Data File : VW014447.D
Acq On : 18 Dec 2019 22:27
Operator : SY/VA
Sample : K6278-22RE
Misc : 3.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0C92RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.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	1.953	6	8	22	rVB4	11961	30440	1.25%	0.244%
2	2.154	37	41	47	rBV2	8848	20010	0.82%	0.160%
3	2.349	67	73	83	rVB	178104	314855	12.97%	2.524%
4	2.885	153	161	173	rBV	134687	330234	13.60%	2.647%
5	3.458	252	255	258	rVV5	1239	1836	0.08%	0.015%
6	3.483	258	259	261	rVV2	1580	1220	0.05%	0.010%
7	3.672	289	290	293	rVB2	1643	1287	0.05%	0.010%
8	3.757	300	304	307	rBV2	922	1068	0.04%	0.009%
9	3.830	312	316	318	rBV3	562	910	0.04%	0.007%
10	4.019	335	347	361	rBV	220212	720017	29.66%	5.772%
11	4.300	391	393	396	rVB3	1081	1269	0.05%	0.010%
12	4.336	396	399	400	rBV2	1000	805	0.03%	0.006%
13	4.367	400	404	405	rBV3	1038	1490	0.06%	0.012%
14	4.379	405	406	408	rVV2	1180	1145	0.05%	0.009%
15	4.403	408	410	414	rVB4	1478	1584	0.07%	0.013%
16	4.544	430	433	434	rBV3	921	825	0.03%	0.007%
17	4.592	437	441	443	rBV3	2235	3144	0.13%	0.025%
18	4.769	468	470	471	rBV2	1002	850	0.04%	0.007%
19	4.909	484	493	511	rVB3	16771	60597	2.50%	0.486%
20	5.123	525	528	532	rBV5	986	1879	0.08%	0.015%
21	5.165	534	535	540	rVV5	1498	1971	0.08%	0.016%
22	5.421	573	577	580	rVB4	1014	1622	0.07%	0.013%
23	5.702	620	623	627	rVB3	853	1549	0.06%	0.012%
24	5.934	651	661	669	rBV7	4906	15107	0.62%	0.121%
25	6.318	722	724	725	rBV	984	831	0.03%	0.007%
26	6.879	814	816	819	rVB	886	977	0.04%	0.008%
27	7.074	839	848	853	rBV	62851	175479	7.23%	1.407%
28	7.415	900	904	906	rBV5	918	1486	0.06%	0.012%
29	7.433	906	907	912	rVV3	1506	1385	0.06%	0.011%
30	7.531	920	923	927	rVV4	1127	1748	0.07%	0.014%
31	7.641	930	941	954	rBV	458660	1130891	46.58%	9.066%
32	7.952	986	992	996	rVB8	2358	4949	0.20%	0.040%
33	8.006	996	1001	1002	rBV3	740	966	0.04%	0.008%
34	8.122	1015	1020	1022	rBV4	882	1593	0.07%	0.013%

LSC Area Percent Report

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Misc : 3.91G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0C92RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Title : VOC Analysis

35	8.269	1034	1044	1061	rBV2	819452	2427694	100.00%	19.462%
36	8.622	1100	1102	1106	rBV5	1224	1500	0.06%	0.012%
37	8.677	1109	1111	1112	rBV2	763	802	0.03%	0.006%
38	8.842	1128	1138	1154	rBV	653259	1344291	55.37%	10.777%
39	9.079	1169	1177	1182	rVB10	3168	8154	0.34%	0.065%
40	9.268	1199	1208	1218	rBV	625074	1296701	53.41%	10.395%
41	9.604	1256	1263	1266	rVB7	1347	2308	0.10%	0.019%
42	9.665	1266	1273	1278	rVB7	2183	4887	0.20%	0.039%
43	9.713	1278	1281	1284	rVB4	696	950	0.04%	0.008%
44	9.823	1293	1299	1303	rBV4	1095	2606	0.11%	0.021%
45	10.030	1325	1333	1343	rBV	154818	295647	12.18%	2.370%
46	10.134	1349	1350	1353	rVB3	1457	913	0.04%	0.007%
47	10.213	1360	1363	1367	rVB3	1692	1733	0.07%	0.014%
48	10.323	1373	1381	1389	rBV	748728	1343810	55.35%	10.773%
49	10.579	1416	1423	1431	rVB	76283	137520	5.66%	1.102%
50	10.701	1437	1443	1450	rVB	39216	70363	2.90%	0.564%
51	10.756	1450	1452	1453	rBV	1028	914	0.04%	0.007%
52	10.853	1466	1468	1472	rVB3	994	934	0.04%	0.007%
53	10.920	1473	1479	1490	rBV	199962	380403	15.67%	3.050%
54	11.061	1498	1502	1509	rVB	21102	34920	1.44%	0.280%
55	11.158	1516	1518	1521	rBV4	1531	2172	0.09%	0.017%
56	11.238	1529	1531	1533	rBV3	864	884	0.04%	0.007%
57	11.262	1533	1535	1537	rVV3	1003	1038	0.04%	0.008%
58	11.317	1541	1544	1545	rVV3	1375	1148	0.05%	0.009%
59	11.439	1558	1564	1572	rVB2	15781	27935	1.15%	0.224%
60	11.530	1572	1579	1580	rBV6	2166	4038	0.17%	0.032%
61	11.628	1588	1595	1609	rVB	481563	830100	34.19%	6.655%
62	11.835	1628	1629	1634	rBV5	1991	2190	0.09%	0.018%
63	12.030	1659	1661	1662	rBV2	1423	1293	0.05%	0.010%
64	12.048	1662	1664	1669	rVB3	2282	2586	0.11%	0.021%
65	12.158	1680	1682	1683	rBV2	3321	2604	0.11%	0.021%
66	12.256	1697	1698	1700	rBV2	1223	996	0.04%	0.008%
67	12.463	1729	1732	1736	rVV5	2296	3293	0.14%	0.026%
68	12.609	1749	1756	1762	rVV	61941	104978	4.32%	0.842%
69	12.688	1762	1769	1776	rVV	378651	635942	26.20%	5.098%
70	12.756	1777	1780	1786	rVB4	4148	7847	0.32%	0.063%
71	12.932	1804	1809	1816	rVB3	18447	29934	1.23%	0.240%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0C92RE

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Title : VOC Analysis

72	13.030	1823	1825	1828	rBV3	1663	1755	0.07%	0.014%
73	13.079	1832	1833	1837	rBV3	810	852	0.04%	0.007%
74	13.164	1846	1847	1849	rBV2	929	816	0.03%	0.007%
75	13.182	1849	1850	1853	rBV3	855	859	0.04%	0.007%
76	13.231	1856	1858	1859	rBV2	1236	928	0.04%	0.007%
77	13.292	1863	1868	1875	rVB3	11269	18842	0.78%	0.151%
78	13.408	1878	1887	1891	rBV5	3470	8097	0.33%	0.065%
79	13.463	1891	1896	1902	rBV3	10073	17975	0.74%	0.144%
80	13.554	1906	1911	1918	rBV	96302	162951	6.71%	1.306%
81	13.652	1923	1927	1931	rVB4	4375	5984	0.25%	0.048%
82	13.761	1939	1945	1948	rBV6	3339	5520	0.23%	0.044%
83	13.853	1953	1960	1966	rBV	170938	284360	11.71%	2.280%
84	14.036	1983	1990	1991	rBV5	2478	5565	0.23%	0.045%
85	14.072	1991	1996	2002	rVB2	21081	33484	1.38%	0.268%
86	14.194	2013	2016	2022	rVB4	2702	3326	0.14%	0.027%
87	14.255	2022	2026	2028	rVB3	1611	2472	0.10%	0.020%
88	14.328	2028	2038	2042	rBV4	10228	22084	0.91%	0.177%
89	14.420	2051	2053	2054	rBV2	1122	894	0.04%	0.007%
90	14.438	2054	2056	2059	rVV4	866	1141	0.05%	0.009%
91	14.621	2084	2086	2088	rVV4	1548	1274	0.05%	0.010%
92	14.688	2094	2097	2100	rBV3	1709	2491	0.10%	0.020%
93	14.725	2100	2103	2108	rVB6	2161	3349	0.14%	0.027%
94	15.322	2199	2201	2203	rBV3	1008	884	0.04%	0.007%
95	15.395	2211	2213	2215	rBV2	1885	1933	0.08%	0.015%
96	15.438	2215	2220	2225	rVB	18191	28392	1.17%	0.228%
97	15.487	2225	2228	2229	rBV2	1917	1722	0.07%	0.014%
98	16.230	2347	2350	2353	rVB5	1823	2354	0.10%	0.019%
99	16.261	2353	2355	2356	rBV2	1009	917	0.04%	0.007%
100	16.279	2356	2358	2360	rVB3	1265	937	0.04%	0.008%

Sum of corrected areas: 12474205

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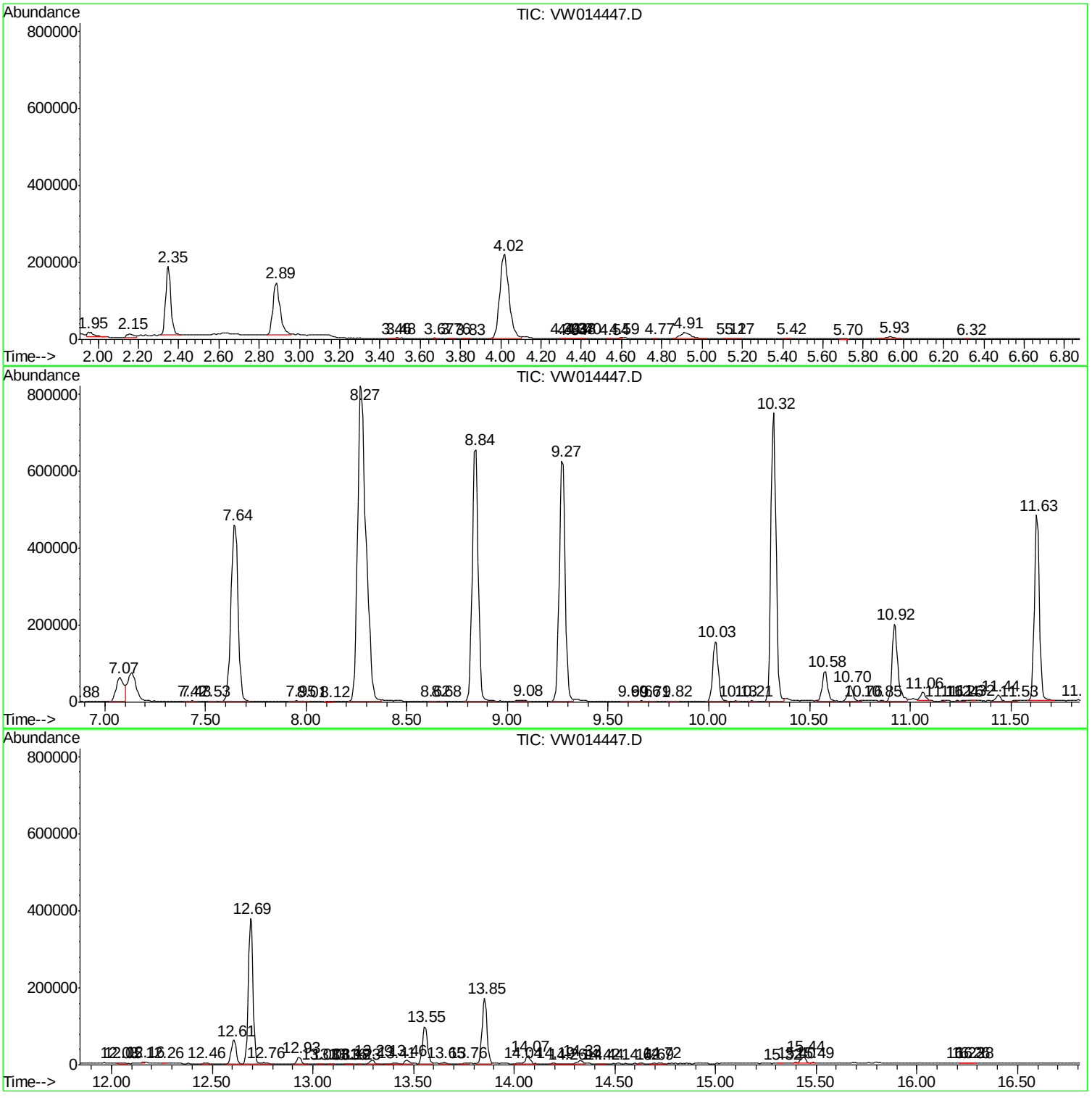
Instrument :
MSVOA_W
ClientSampleId :
C0C92RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

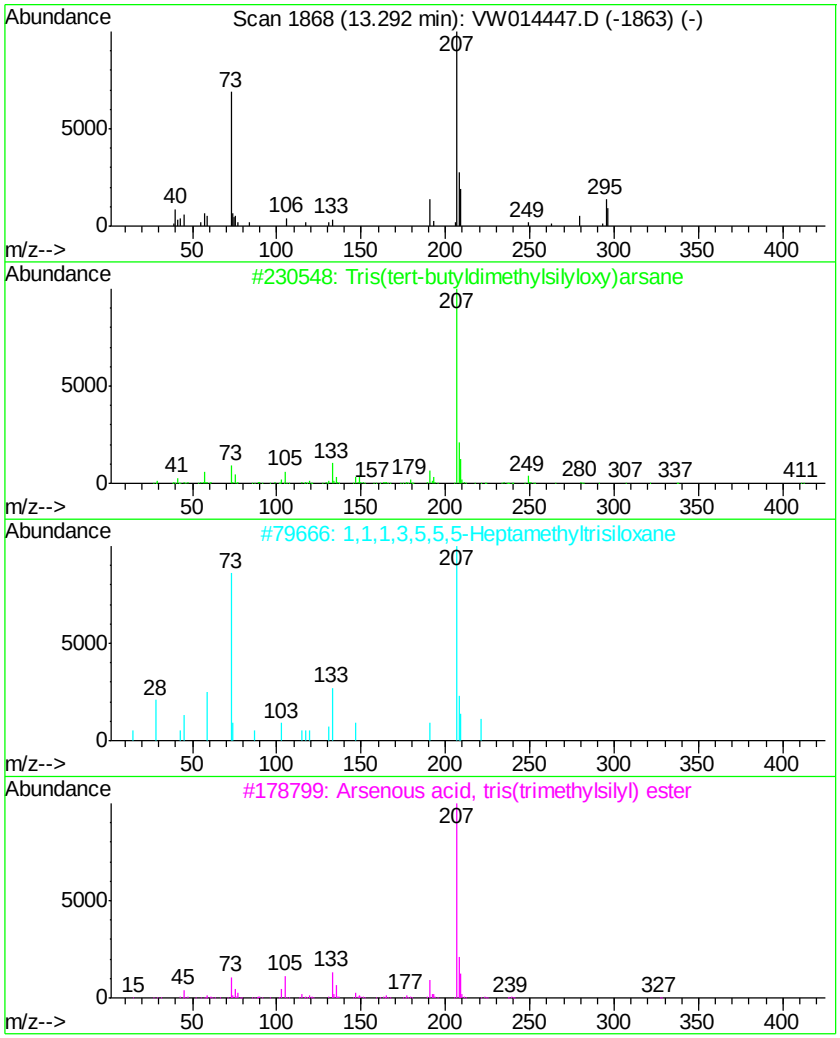
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

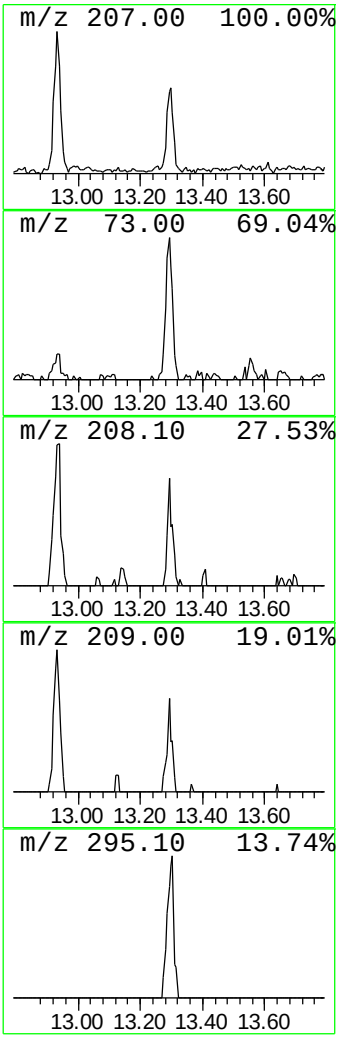
****

Peak Number 5 Tris(tert-butyldimethylsily... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.89 ug/L	18842	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tris(tert-butyldimethylsilyloxy)...	468	C18H45AsO3Si3	1000366-57-5	50
2	1,1,1,3,5,5,5-Heptamethyltrisilo...	222	C7H22O2Si3	001873-88-7	39
3	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	39
4	(1H)Pyrrole-3-carboxylic acid, 5...	293	C14H19N3O4	1000115-26-4	9
5	2,4,6-Cycloheptatrien-1-one, 3,5...	250	C13H22OSi2	1000161-21-8	9





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Instrument : MSVOA_W
ClientSampleId : C0C92RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

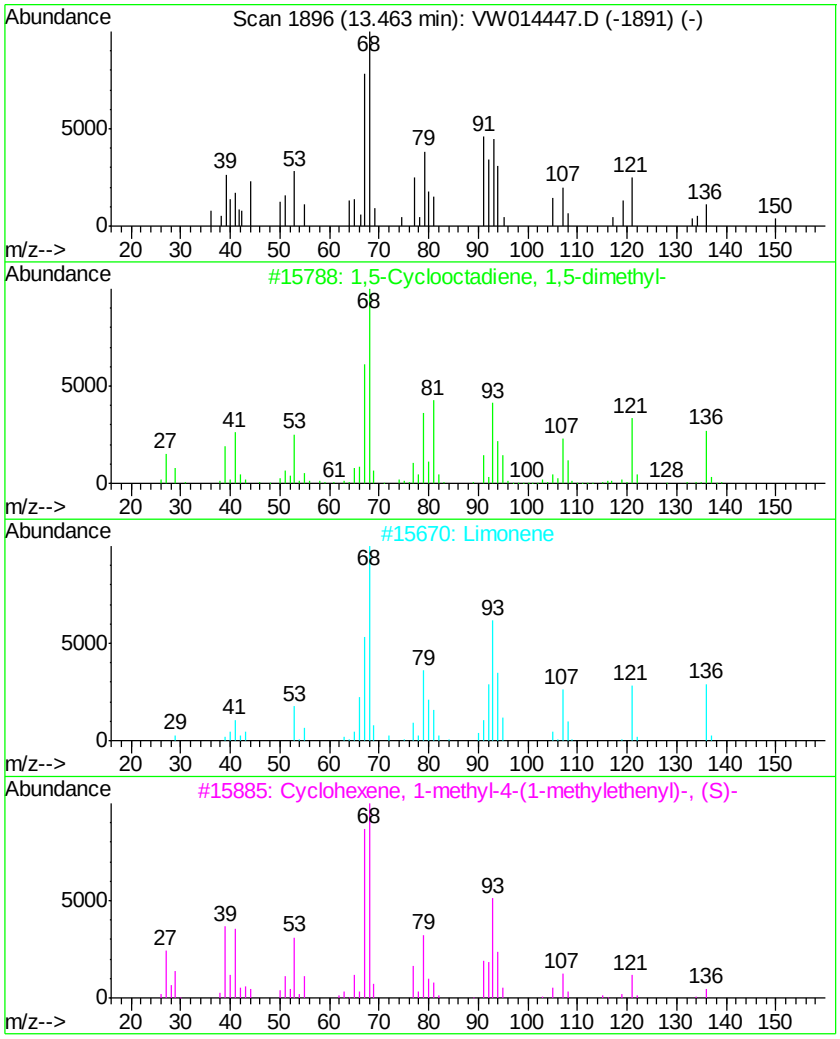
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

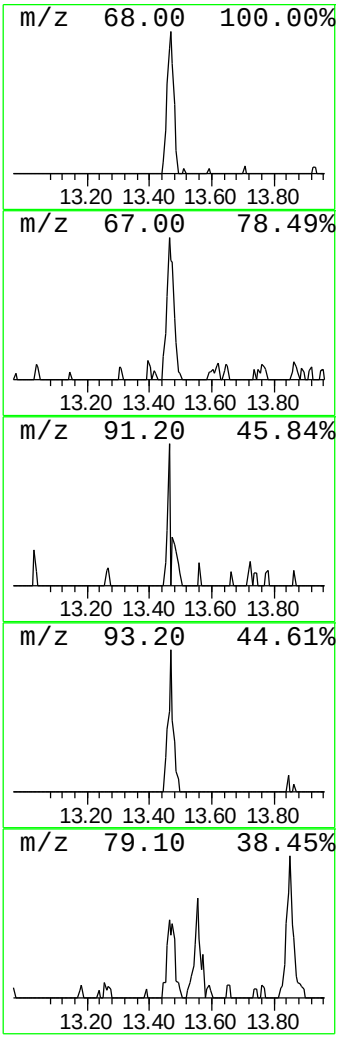
****

Peak Number 6 1,5-Cyclooctadiene, 1,5-dim... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	2.76 ug/L	17975	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	86
2	Limonene	136	C10H16	000138-86-3	83
3	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	83
4	Limonene	136	C10H16	000138-86-3	83
5	1,5-Cyclooctadiene, 3-methyl-	122	C9H14	056564-88-6	64





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis

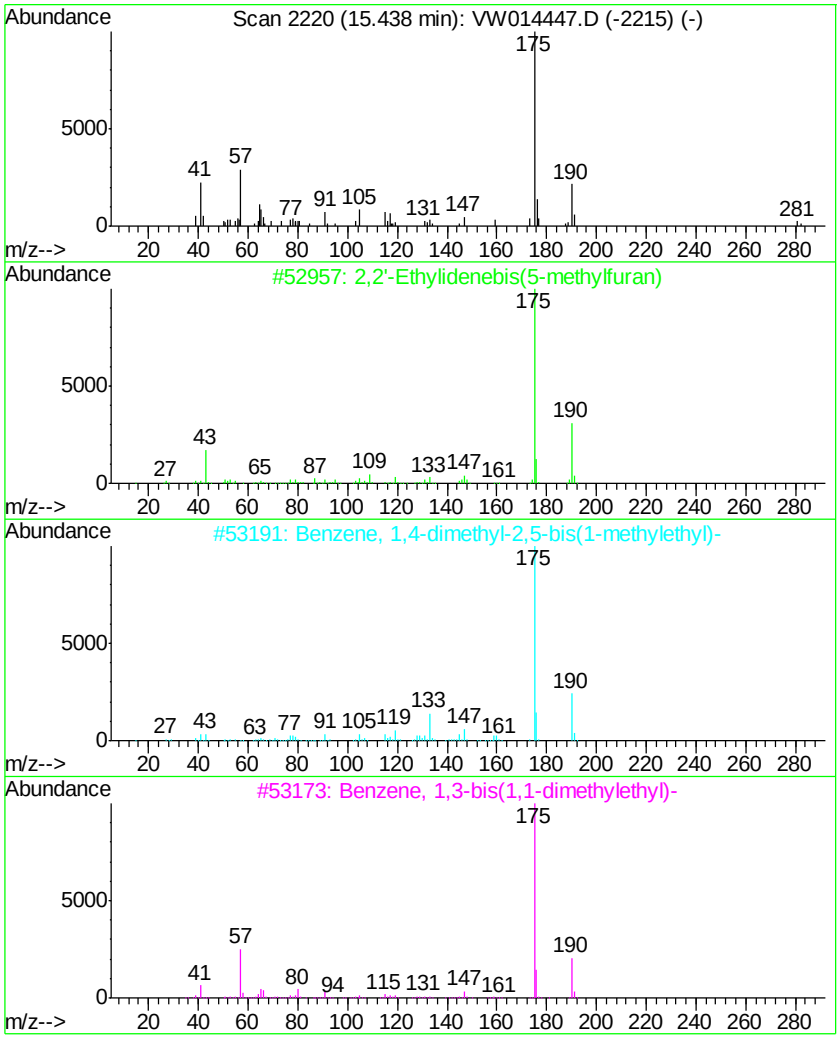
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

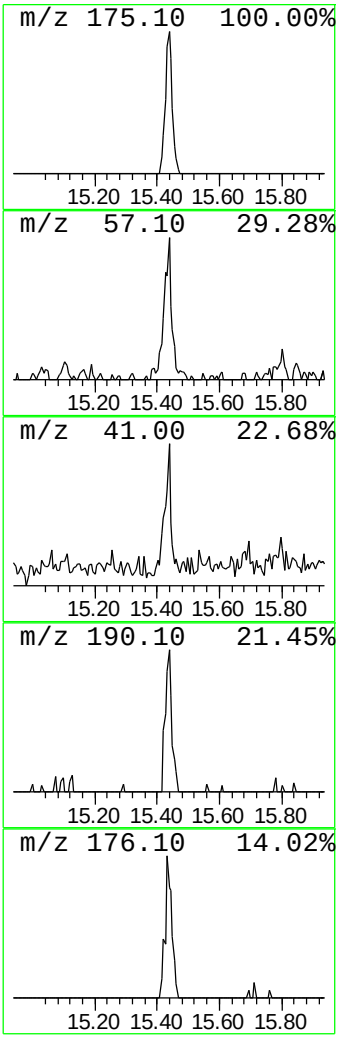
****

Peak Number 9 2,2'-Ethylidenebis(5-methyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	4.36 ug/L	28392	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	64
2	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	64
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	59
5	Benzo[b]thiophene, 2-ethyl-5,7-d...	190	C12H14S	018428-05-2	59





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tris(tert-butyldi...	13.29	2.9	ug/L	18842	3	13.56	162951	25.0
1,5-Cyclooctadien...	13.46	2.8	ug/L	17975	3	13.56	162951	25.0
2,2'-Ethylidenebi...	15.44	4.4	ug/L	28392	3	13.56	162951	25.0