LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\
Data File : VW009758.D
Acq On : 06 Apr 2019 05:41
Operator : SY/VA
Sample : K2188-09
Misc : 5.22G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF653

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\SOM2WLM040319S.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	36	42	50	rBV3	17756	44560	2.81%	0.382%
2	2.361	68	75	86	rBV	81507	191316	12.07%	1.641%
3	2.891	155	162	175	rVB3	73323	199987	12.62%	1.716%
4	3.849	314	319	323	rBV6	1829	3331	0.21%	0.029%
5	4.013	332	346	357	rBV2	164938	551319	34.79%	4.730%
6	4.117	359	363	377	rVB2	25288	73295	4.62%	0.629%
7	4.306	391	394	397	rVB4	890	1092	0.07%	0.009%
8	4.385	397	407	422	rBV5	7684	29663	1.87%	0.254%
9	4.489	422	424	427	rVV4	902	948	0.06%	0.008%
10	4.653	450	451	456	rVV5	687	998	0.06%	0.009%
11	4.909	480	493	494	rBV	22450	49022	3.09%	0.421%
12	5.172	534	536	537	rVV2	1524	879	0.06%	0.008%
13	5.190	537	539	543	rVV3	687	808	0.05%	0.007%
14	5.312	555	559	561	rBV5	914	896	0.06%	0.008%
15	5.476	583	586	588	rVB4	728	732	0.05%	0.006%
16	5.598	603	606	607	rBV3	812	851	0.05%	0.007%
17	5.653	614	615	619	rBV3	555	872	0.06%	0.007%
18	5.769	626	634	635	rBV3	3855	6358	0.40%	0.055%
19	5.927	649	660	672	rBV7	8273	27727	1.75%	0.238%
20	6.098	685	688	692	rBV6	1352	2107	0.13%	0.018%
21	6.129	692	693	698	rVV3	937	1051	0.07%	0.009%
22	6.196	700	704	708	rBV4	911	1671	0.11%	0.014%
23	6.269	714	716	719	rVB2	652	781	0.05%	0.007%
24	6.379	730	734	736	rBV4	1075	1197	0.08%	0.010%
25	6.440	742	744	749	rVB2	887	1136	0.07%	0.010%
26	6.488	749	752	753	rBV2	735	814	0.05%	0.007%
27	6.525	757	758	763	rVB4	677	964	0.06%	0.008%
28	6.641	775	777	781	rVB3	551	803	0.05%	0.007%
29	6.696	781	786	787	rBV2	567	729	0.05%	0.006%
30	6.891	811	818	826	rBV6	5306	16011	1.01%	0.137%
31	7.080	840	849	859	rBV2	47604	143136	9.03%	1.228%
32	7.299	882	885	889	rVB4	1916	1757	0.11%	0.015%
33	7.378	895	898	900	rBV2	1054	954	0.06%	0.008%
34	7.403	900	902	907	rVB3	832	974	0.06%	0.008%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
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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

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Title : VOC Analysis

35	7.531	919	923	927	rVV6	1404	2489	0.16%	0.021%
36	7.647	932	942	957	rVB	288891	720612	45.47%	6.182%
37	7.763	957	961	963	rBV3	1021	1222	0.08%	0.010%
38	7.897	980	983	986	rVB4	984	1085	0.07%	0.009%
39	8.061	1008	1010	1015	rVB4	809	941	0.06%	0.008%
40	8.116	1015	1019	1022	rBV4	565	1008	0.06%	0.009%
41	8.275	1035	1045	1060	rBV2	520059	1584815	100.00%	13.595%
42	8.494	1078	1081	1084	rBV3	880	1110	0.07%	0.010%
43	8.537	1086	1088	1089	rBV	1238	885	0.06%	0.008%
44	8.555	1089	1091	1097	rVB6	1712	2667	0.17%	0.023%
45	8.695	1107	1114	1119	rBV7	1925	4576	0.29%	0.039%
46	8.732	1119	1120	1126	rVB3	1075	1042	0.07%	0.009%
47	8.842	1129	1138	1147	rBV	492395	983102	62.03%	8.434%
48	9.073	1167	1176	1182	rVB2	16079	32414	2.05%	0.278%
49	9.274	1198	1209	1218	rBV	376624	772032	48.71%	6.623%
50	9.415	1230	1232	1235	rVB4	1154	1060	0.07%	0.009%
51	9.494	1243	1245	1248	rVB3	1108	961	0.06%	0.008%
52	9.537	1248	1252	1254	rBV4	713	994	0.06%	0.009%
53	9.652	1267	1271	1281	rVB7	1840	3987	0.25%	0.034%
54	9.884	1307	1309	1314	rVB4	1540	2556	0.16%	0.022%
55	9.951	1318	1320	1323	rBV4	1142	1537	0.10%	0.013%
56	10.030	1326	1333	1341	rBV	165891	295268	18.63%	2.533%
57	10.128	1348	1349	1353	rVB3	2029	1648	0.10%	0.014%
58	10.207	1360	1362	1365	rBV3	754	917	0.06%	0.008%
59	10.238	1365	1367	1370	rVV4	1317	1486	0.09%	0.013%
60	10.323	1373	1381	1389	rBV	711865	1236410	78.02%	10.607%
61	10.384	1389	1391	1396	rVB3	4301	5963	0.38%	0.051%
62	10.427	1396	1398	1400	rBV2	1237	1106	0.07%	0.009%
63	10.500	1408	1410	1413	rVB4	2158	1930	0.12%	0.017%
64	10.579	1416	1423	1430	rVV	113007	199064	12.56%	1.708%
65	10.701	1440	1443	1449	rVB3	5645	9291	0.59%	0.080%
66	10.768	1449	1454	1455	rBV5	1687	3031	0.19%	0.026%
67	10.853	1465	1468	1473	rVB6	6177	10475	0.66%	0.090%
68	10.927	1473	1480	1489	rBV	188102	331387	20.91%	2.843%
69	11.073	1498	1504	1513	rVB	6391	13297	0.84%	0.114%
70	11.158	1513	1518	1519	rBV5	1500	2057	0.13%	0.018%
71	11.292	1536	1540	1542	rBV5	2168	3144	0.20%	0.027%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF653

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

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Title : VOC Analysis

72	11.512	1573	1576	1577	rBV3	2017	2120	0.13%	0.018%
73	11.628	1589	1595	1604	rVB	699915	1204846	76.02%	10.336%
74	11.835	1625	1629	1632	rBV5	2585	5207	0.33%	0.045%
75	11.926	1643	1644	1646	rBV2	1449	745	0.05%	0.006%
76	12.225	1691	1693	1695	rBV3	1553	1960	0.12%	0.017%
77	12.329	1708	1710	1711	rBV2	2580	2211	0.14%	0.019%
78	12.426	1725	1726	1728	rBV2	848	883	0.06%	0.008%
79	12.475	1728	1734	1739	rVB8	5449	9741	0.61%	0.084%
80	12.518	1739	1741	1742	rBV	1261	794	0.05%	0.007%
81	12.542	1742	1745	1746	rVV3	1215	1302	0.08%	0.011%
82	12.609	1750	1756	1761	rVV2	9011	15518	0.98%	0.133%
83	12.695	1763	1770	1781	rVB	279620	469936	29.65%	4.031%
84	12.780	1781	1784	1787	rBV5	2470	3200	0.20%	0.027%
85	12.871	1792	1799	1801	rBV6	2868	5816	0.37%	0.050%
86	12.938	1806	1810	1811	rBV4	2007	2738	0.17%	0.023%
87	13.012	1820	1822	1823	rBV3	1287	963	0.06%	0.008%
88	13.109	1836	1838	1842	rVB5	1532	1706	0.11%	0.015%
89	13.274	1859	1865	1873	rBV	47126	81800	5.16%	0.702%
90	13.408	1882	1887	1892	rBV9	6340	11987	0.76%	0.103%
91	13.469	1892	1897	1905	rBV3	36572	68841	4.34%	0.591%
92	13.560	1905	1912	1918	rBV	637687	1005116	63.42%	8.622%
93	13.853	1953	1960	1969	rBV	580151	952066	60.07%	8.167%
94	14.078	1993	1997	2002	rBV4	9352	17329	1.09%	0.149%
95	14.328	2034	2038	2044	rBV8	9197	16239	1.02%	0.139%
96	14.804	2111	2116	2122	rBV4	9018	20409	1.29%	0.175%
97	15.188	2175	2179	2184	rVB7	11701	19333	1.22%	0.166%
98	15.328	2199	2202	2207	rBV7	6212	12348	0.78%	0.106%
99	15.444	2212	2221	2226	rBV	26802	60537	3.82%	0.519%
100	16.651	2413	2419	2430	rVB5	23739	64940	4.10%	0.557%

Sum of corrected areas: 11656939

LSC Report - Integrated Chromatogram

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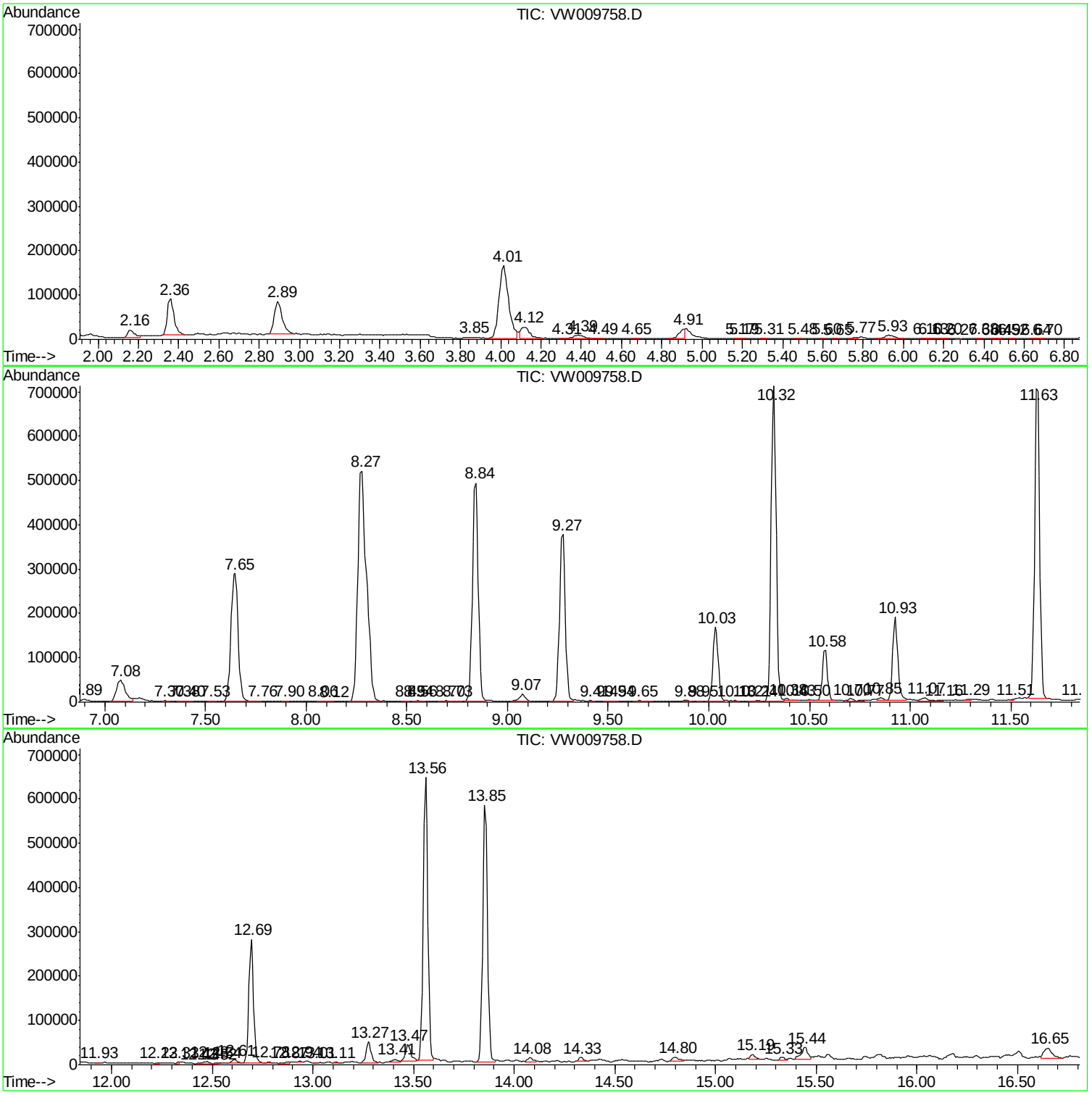
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF653

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

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



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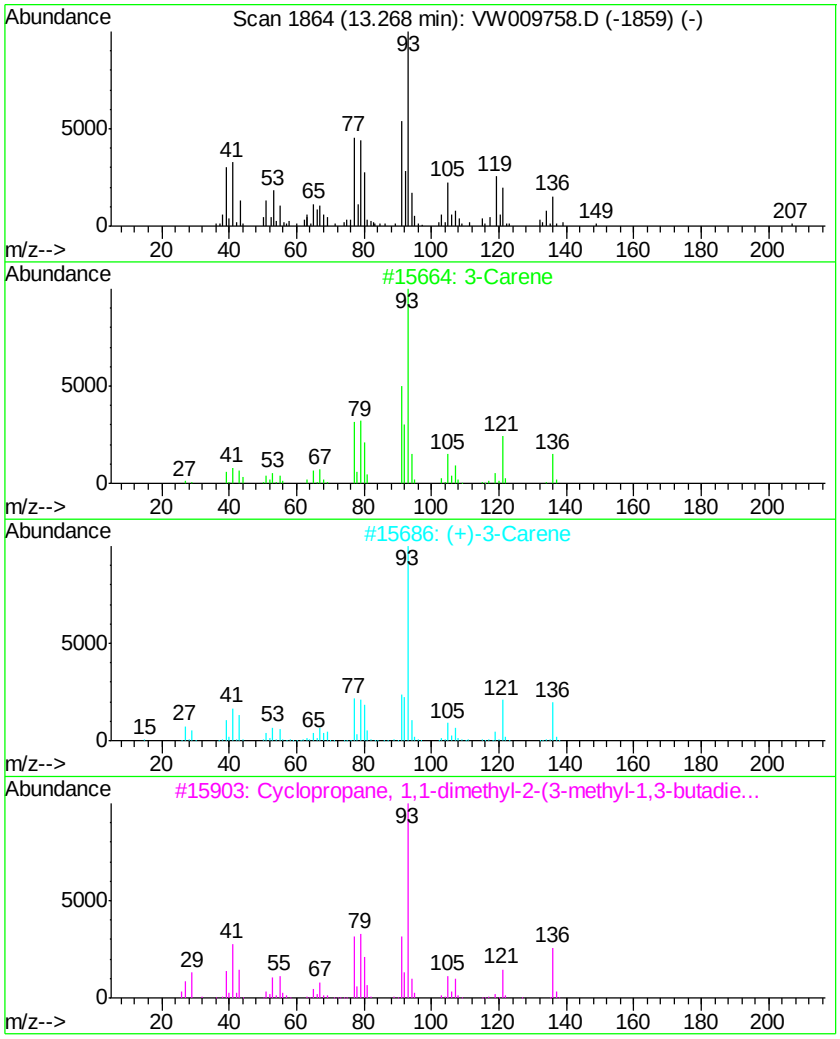
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

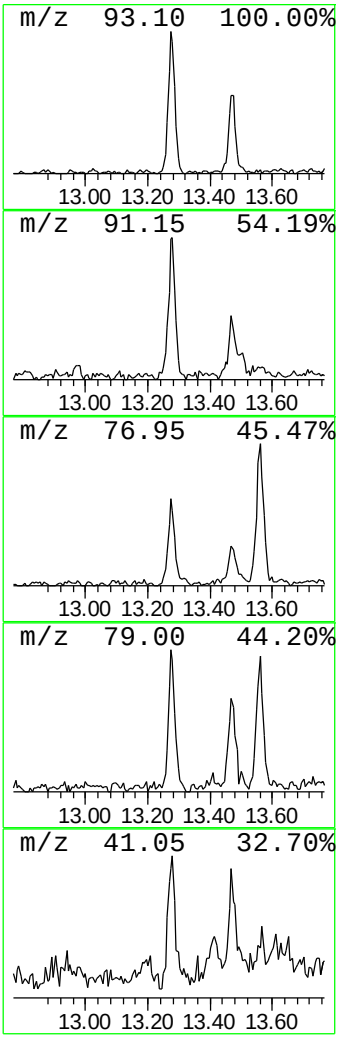
****

Peak Number 2 3-Carene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	2.03 ug/L	81800	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	93
2	(+)-3-Carene	136	C10H16	000498-15-7	83
3	Cyclopropane, 1,1-dimethyl-2-(3-...	136	C10H16	068998-21-0	83
4	Cyclopentene, 3-isopropenyl-5,5-...	136	C10H16	1000162-25-4	80
5	.gamma.-Terpinene	136	C10H16	000099-85-4	76





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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
Quant Title : VOC Analysis

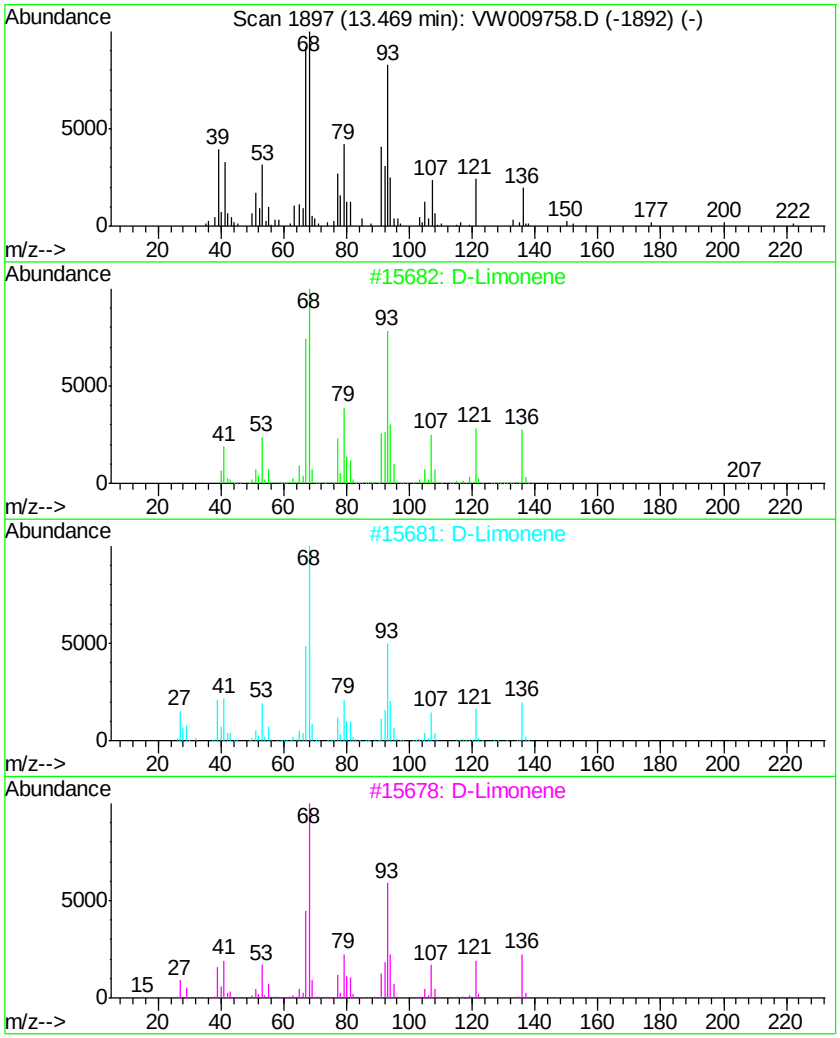
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

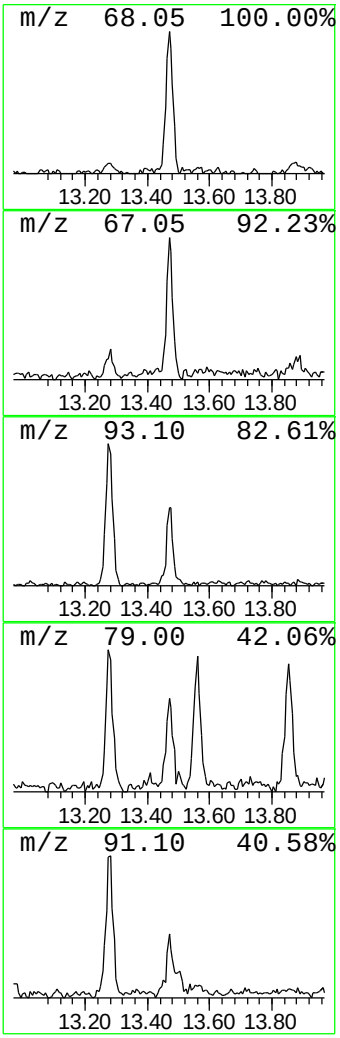
****

Peak Number 3 D-Limonene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.71 ug/L	68841	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	95
2	D-Limonene	136	C10H16	005989-27-5	81
3	D-Limonene	136	C10H16	005989-27-5	76
4	Limonene	136	C10H16	000138-86-3	76
5	Limonene	136	C10H16	000138-86-3	76





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Quant Title : VOC Analysis

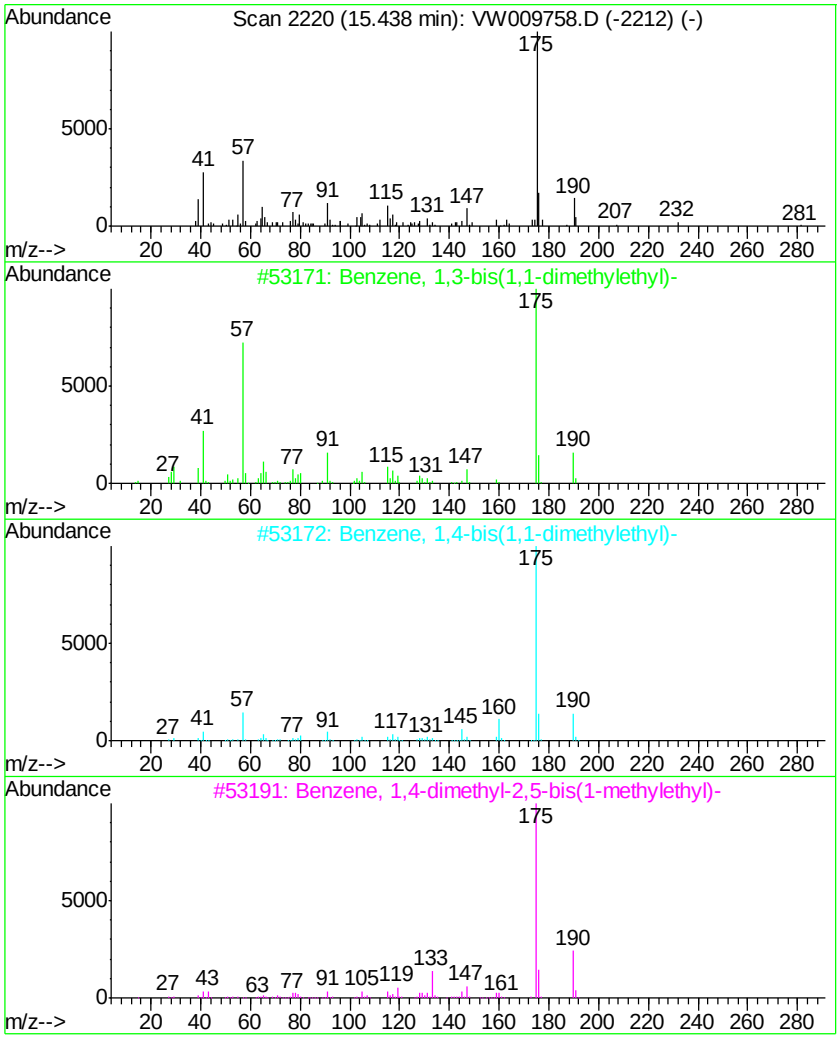
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

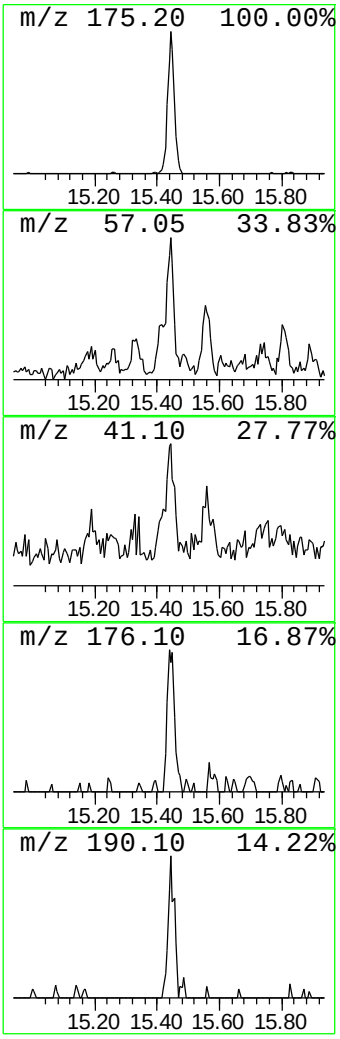
****

Peak Number 4 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.51 ug/L	60537	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
2	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	86
3	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	80
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80
5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Carene	13.27	2.0	ug/L	81800	3	13.56	1005120	25.0
D-Limonene	13.47	1.7	ug/L	68841	3	13.56	1005120	25.0
Benzene, 1,3-bis(...	15.44	1.5	ug/L	60537	3	13.56	1005120	25.0