

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009372.D
 Acq On : 23 Mar 2019 04:22
 Operator : SY/VA
 Sample : K2031-16
 Misc : 4.16G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5S6

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\SOM2WLM031419S.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	2.148	38	40	42	rBV3	4351	5211	0.37%	0.053%
2	2.361	69	75	88	rBV	62866	153116	10.94%	1.565%
3	2.898	156	163	177	rVB	69275	204559	14.61%	2.091%
4	3.721	296	298	301	rVB3	2575	2453	0.18%	0.025%
5	4.013	336	346	359	rBV2	116246	422362	30.16%	4.317%
6	4.123	360	364	370	rVB2	16685	36446	2.60%	0.372%
7	4.373	398	405	408	rBV3	8829	19930	1.42%	0.204%
8	4.605	441	443	447	rBV3	1859	2304	0.16%	0.024%
9	4.739	461	465	468	rVV	1577	2065	0.15%	0.021%
10	4.824	477	479	481	rBV	2552	2338	0.17%	0.024%
11	4.922	481	495	511	rVV6	32056	139392	9.96%	1.425%
12	5.690	617	621	622	rBV2	1569	1964	0.14%	0.020%
13	5.775	633	635	636	rVV	2807	1918	0.14%	0.020%
14	5.812	639	641	646	rVB	1969	2798	0.20%	0.029%
15	5.860	646	649	651	rBV	1787	1893	0.14%	0.019%
16	5.928	651	660	670	rVB4	11328	36584	2.61%	0.374%
17	6.098	684	688	690	rBV2	2262	3065	0.22%	0.031%
18	6.305	719	722	724	rVB	2373	2092	0.15%	0.021%
19	6.385	730	735	736	rBV	2001	2153	0.15%	0.022%
20	6.574	763	766	768	rBV2	1459	2023	0.14%	0.021%
21	6.653	776	779	781	rBV	1548	2116	0.15%	0.022%
22	7.080	839	849	859	rBV2	57766	176414	12.60%	1.803%
23	7.311	886	887	891	rVB	3167	2803	0.20%	0.029%
24	7.647	931	942	957	rVV	246520	640759	45.76%	6.549%
25	7.799	965	967	968	rBV	3356	2045	0.15%	0.021%
26	7.897	979	983	984	rBV2	2134	2429	0.17%	0.025%
27	7.915	984	986	987	rBV	3074	2671	0.19%	0.027%
28	7.952	987	992	998	rVV7	11422	27243	1.95%	0.278%
29	8.055	1007	1009	1012	rBV2	1984	2163	0.15%	0.022%
30	8.275	1034	1045	1061	rBV2	439440	1400217	100.00%	14.310%
31	8.384	1061	1063	1067	rVB	2344	2787	0.20%	0.028%
32	8.683	1108	1112	1113	rBV3	2418	3166	0.23%	0.032%
33	8.842	1130	1138	1147	rVV	429239	840357	60.02%	8.589%
34	8.903	1147	1148	1151	rVV	2032	2302	0.16%	0.024%

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 Title : VOC Analysis

35	8.933	1151	1153	1155	rVV2	2682	2082	0.15%	0.021%
36	9.061	1166	1174	1175	rBV7	6222	9493	0.68%	0.097%
37	9.274	1201	1209	1217	rBV	337137	680223	48.58%	6.952%
38	9.573	1257	1258	1263	rVB	1992	2093	0.15%	0.021%
39	9.622	1263	1266	1267	rBV2	1853	2139	0.15%	0.022%
40	9.707	1277	1280	1282	rBV3	1619	2035	0.15%	0.021%
41	9.750	1282	1287	1293	rBV5	4047	6928	0.49%	0.071%
42	9.884	1303	1309	1316	rBV4	8682	21843	1.56%	0.223%
43	10.037	1325	1334	1342	rVV	152706	288121	20.58%	2.945%
44	10.207	1358	1362	1365	rBV4	1881	3276	0.23%	0.033%
45	10.250	1365	1369	1373	rVB4	3314	5238	0.37%	0.054%
46	10.323	1373	1381	1388	rBV	557080	960273	68.58%	9.814%
47	10.378	1388	1390	1394	rVB3	5624	8506	0.61%	0.087%
48	10.579	1416	1423	1429	rBV	103142	179615	12.83%	1.836%
49	10.671	1436	1438	1439	rBV2	2759	2539	0.18%	0.026%
50	10.707	1439	1444	1449	rVB4	7678	14572	1.04%	0.149%
51	10.768	1451	1454	1456	rBV4	1855	2186	0.16%	0.022%
52	10.817	1459	1462	1463	rBV2	3273	3220	0.23%	0.033%
53	10.927	1473	1480	1491	rBV	226531	405310	28.95%	4.142%
54	11.073	1502	1504	1507	rVB4	2533	2196	0.16%	0.022%
55	11.177	1519	1521	1524	rVB	3163	2706	0.19%	0.028%
56	11.219	1526	1528	1529	rBV2	2890	2344	0.17%	0.024%
57	11.506	1572	1575	1577	rBV2	3272	3507	0.25%	0.036%
58	11.634	1587	1596	1603	rBV	537031	929626	66.39%	9.501%
59	11.731	1608	1612	1616	rVB2	10526	15649	1.12%	0.160%
60	11.835	1623	1629	1635	rBV	32917	65706	4.69%	0.672%
61	12.128	1673	1677	1678	rBV2	2366	3278	0.23%	0.034%
62	12.164	1678	1683	1691	rVB4	22211	43382	3.10%	0.443%
63	12.347	1707	1713	1717	rBV6	3282	8094	0.58%	0.083%
64	12.469	1729	1733	1738	rBV4	6922	11955	0.85%	0.122%
65	12.615	1750	1757	1761	rVB2	14700	25556	1.83%	0.261%
66	12.695	1763	1770	1780	rBV	276791	460132	32.86%	4.703%
67	12.780	1780	1784	1790	rBV4	6431	13611	0.97%	0.139%
68	12.841	1792	1794	1796	rBV	3280	2910	0.21%	0.030%
69	12.877	1796	1800	1802	rVV2	4296	5824	0.42%	0.060%
70	12.902	1802	1804	1805	rVV	4054	2880	0.21%	0.029%
71	12.945	1806	1811	1816	rVB6	12120	23513	1.68%	0.240%

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72	13.018	1821	1823	1826	rBV3	1728	2137	0.15%	0.022%
73	13.103	1831	1837	1842	rBV8	5930	13052	0.93%	0.133%
74	13.194	1847	1852	1855	rBV7	4134	8695	0.62%	0.089%
75	13.255	1857	1862	1866	rBV4	6495	11540	0.82%	0.118%
76	13.377	1878	1882	1883	rBV	2766	3312	0.24%	0.034%
77	13.505	1901	1903	1906	rBV4	2974	2245	0.16%	0.023%
78	13.560	1906	1912	1922	rBV	337113	548728	39.19%	5.608%
79	13.755	1942	1944	1950	rVB7	3680	5128	0.37%	0.052%
80	13.859	1954	1961	1973	rBV	312412	544920	38.92%	5.569%
81	14.078	1993	1997	2004	rVB5	13243	30237	2.16%	0.309%
82	14.207	2013	2018	2021	rBV3	6560	12644	0.90%	0.129%
83	14.310	2033	2035	2036	rBV	4229	2687	0.19%	0.027%
84	14.383	2045	2047	2051	rBV4	6564	9242	0.66%	0.094%
85	14.627	2084	2087	2095	rVB7	6400	13357	0.95%	0.137%
86	14.719	2095	2102	2103	rBV6	3605	6528	0.47%	0.067%
87	14.792	2110	2114	2121	rVB4	13494	30483	2.18%	0.312%
88	14.865	2121	2126	2128	rBV3	7818	10758	0.77%	0.110%
89	14.962	2138	2142	2147	rBV5	7276	16073	1.15%	0.164%
90	15.066	2158	2159	2163	rVB3	4412	4227	0.30%	0.043%
91	15.109	2164	2166	2168	rBV2	3181	2539	0.18%	0.026%
92	15.438	2212	2220	2226	rBV6	19174	52227	3.73%	0.534%
93	15.505	2227	2231	2238	rVB	19966	37997	2.71%	0.388%
94	15.743	2265	2270	2274	rBV7	4253	7057	0.50%	0.072%
95	15.804	2278	2280	2287	rVB5	7015	14171	1.01%	0.145%
96	16.133	2333	2334	2336	rBV	2684	2040	0.15%	0.021%
97	16.383	2370	2375	2380	rBV8	3287	6340	0.45%	0.065%
98	16.456	2385	2387	2391	rVV2	2792	2860	0.20%	0.029%
99	16.548	2400	2402	2408	rVB	3320	4744	0.34%	0.048%
100	16.615	2412	2413	2416	rBV	2930	3911	0.28%	0.040%

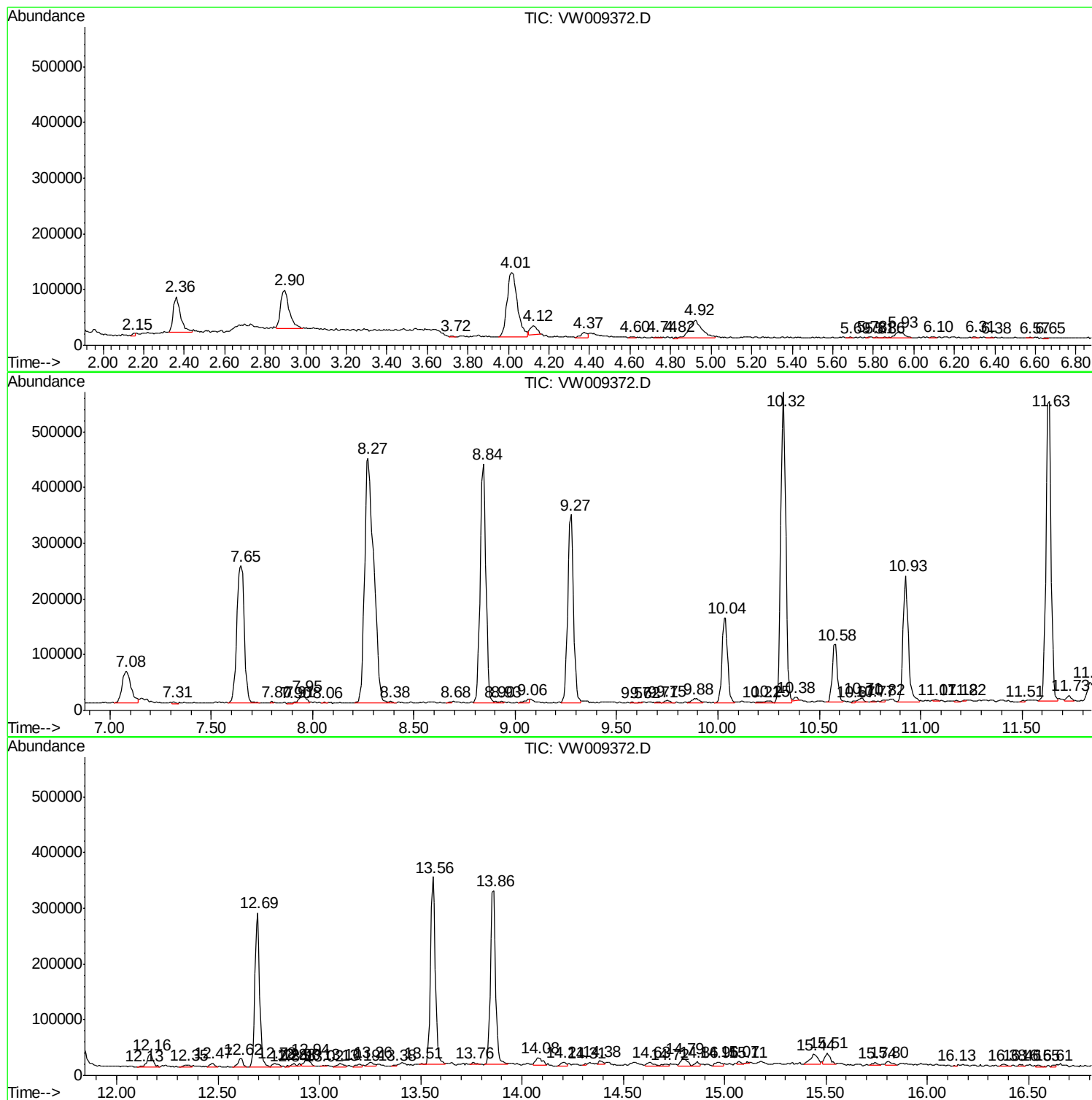
Sum of corrected areas: 9784578

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



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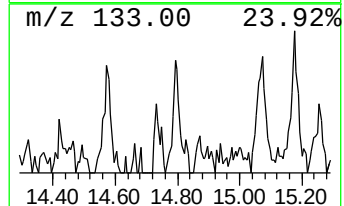
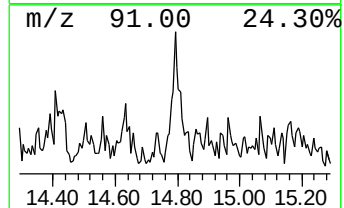
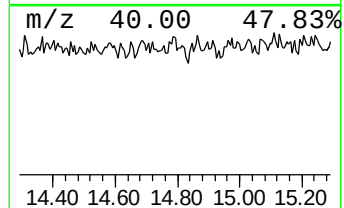
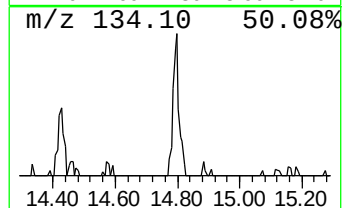
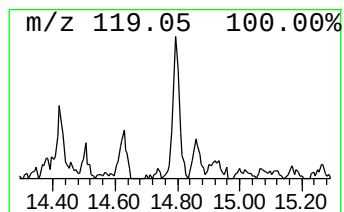
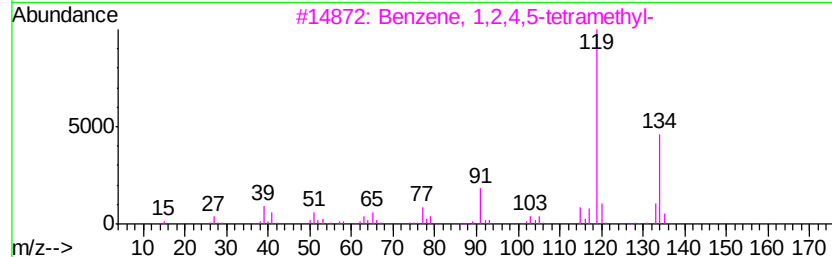
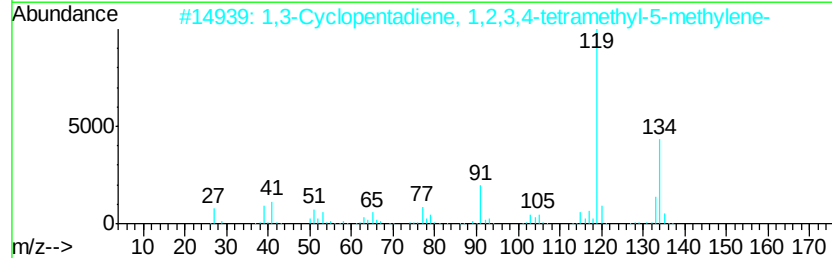
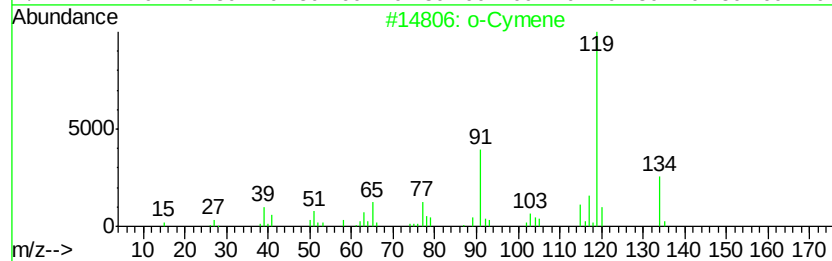
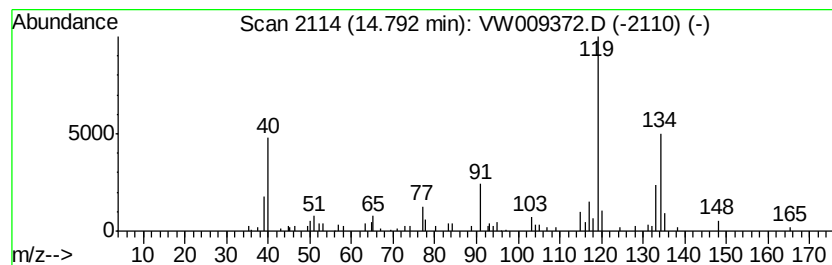
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

Peak Number 3 o-Cymene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	1.39 ug/L	30483	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		o-Cymene	134 C10H14	000527-84-4 90
2		1,3-Cyclopentadiene, 1,2,3,4-tet...	134 C10H14	076089-59-3 90
3		Benzene, 1,2,4,5-tetramethyl-	134 C10H14	000095-93-2 87
4		5H-5-Methyl-6,7-dihydrocyclopent...	134 C8H10N2	023747-48-0 83
5		Benzene, 2-ethyl-1,4-dimethyl-	134 C10H14	001758-88-9 81



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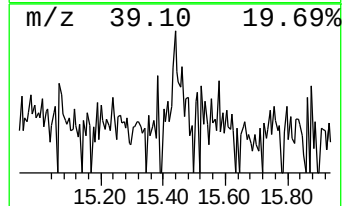
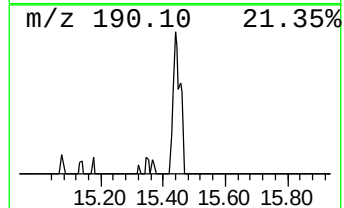
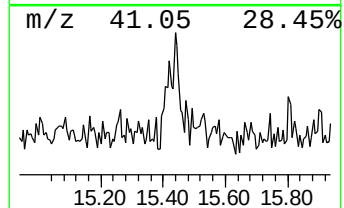
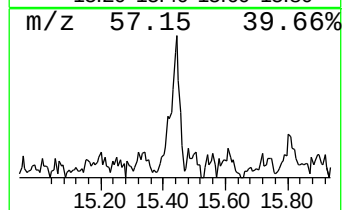
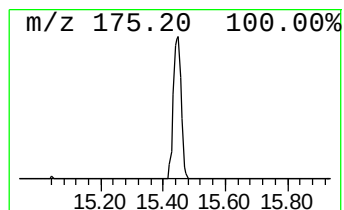
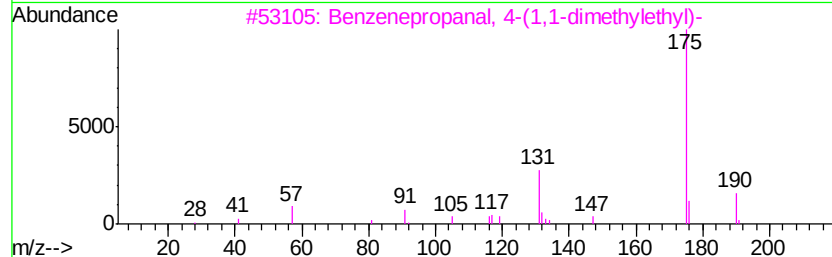
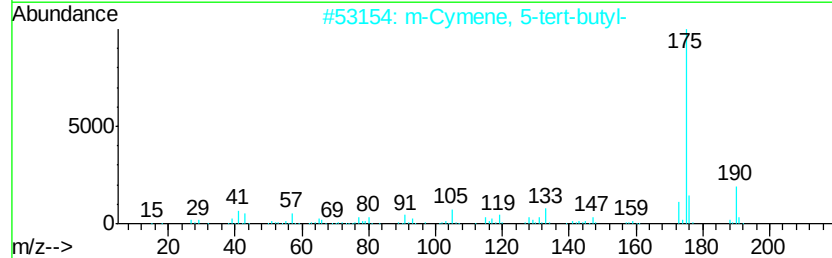
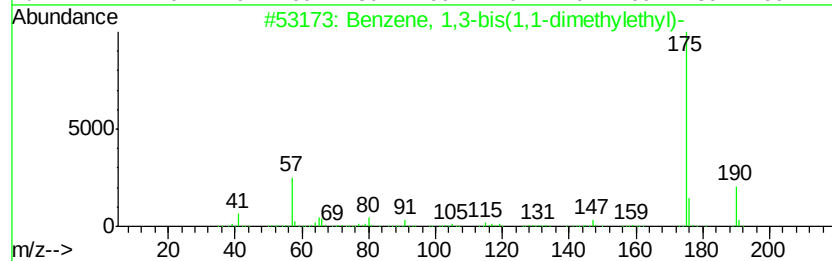
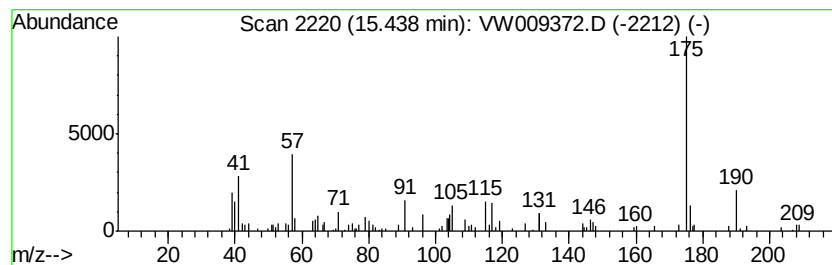
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Quant Title : VOC Analysis

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

Peak Number 4 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.38 ug/L	52227	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 64
2		m-Cymene, 5-tert-butyl-	190 C14H22	029577-19-3 64
3		Benzenepropanal, 4-(1,1-dimethyl...	190 C13H18O	018127-01-0 64
4		Precocene I	190 C12H14O2	017598-02-6 64
5		Benzene, 1,5-dimethyl-2,4-bis(1-...	190 C14H22	005186-68-5 64



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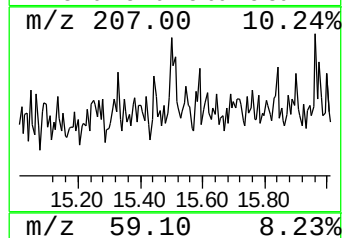
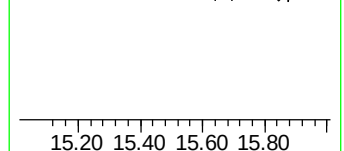
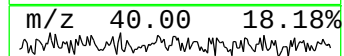
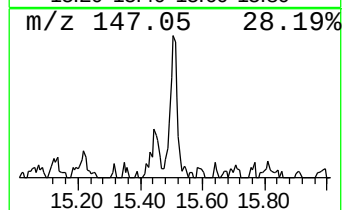
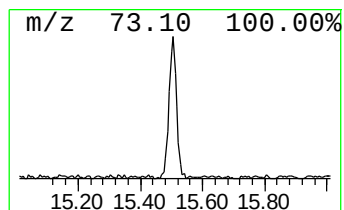
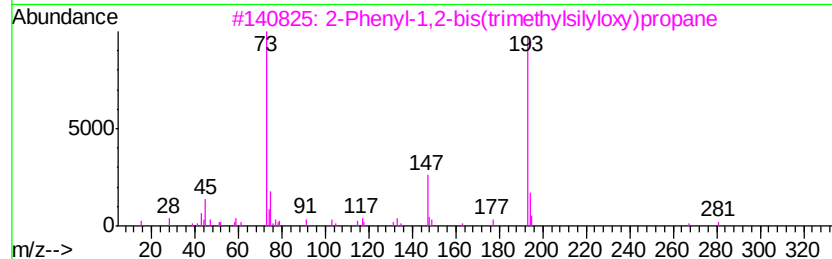
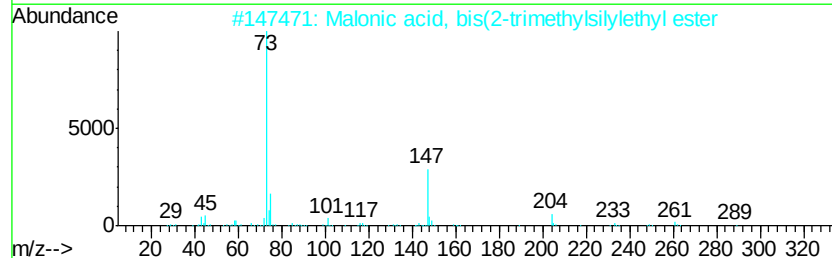
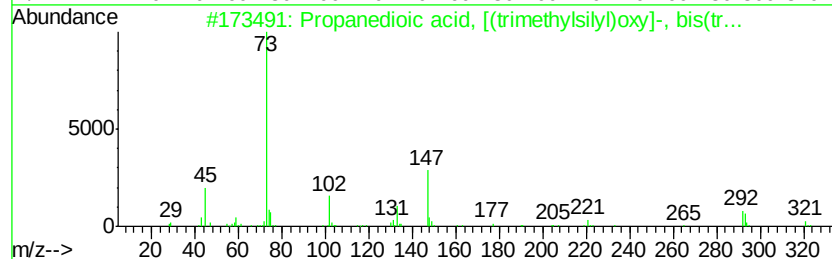
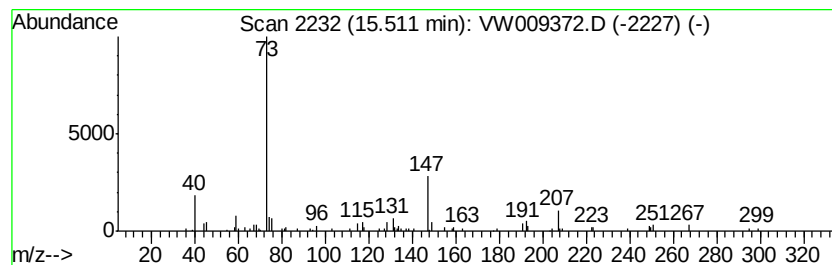
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Quant Title : VOC Analysis

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

Peak Number 5 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	1.73 ug/L	37997	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanedioic acid, [(trimethylsilyl)oxy]-, bis(tri...	336	C12H28O5Si3	038165-93-4	38
2		Malonic acid, bis(2-trimethylsilyloxy)-, diethyl ester	304	C13H28O4Si2	090744-45-9	38
3		2-Phenyl-1,2-bis(trimethylsilyloxy)propane	296	C15H28O2Si2	294847-15-7	38
4		3-Oxa-6-thia-2,7-disilaooctane, 2,2,7,7-tetramethyl-	222	C8H22O2Si2	078921-31-0	36
5		3-Chloro-1,2-propanediol, di(trimethylsilyl) ether	254	C9H23ClO2Si2	073639-52-8	36



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
Data File : VW009372.D
Acq On : 23 Mar 2019 04:22
Operator : SY/VA
Sample : K2031-16
Misc : 4.16G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5S6

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
o-Cymene	14.79	1.4	ug/L	30483	3	13.56	548728	25.0
Benzene, 1,3-bis(...	15.44	2.4	ug/L	52227	3	13.56	548728	25.0
unknown-02	15.51	1.7	ug/L	37997	3	13.56	548728	25.0