

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112519\
 Data File : VW014113.D
 Acq On : 25 Nov 2019 16:02
 Operator : SY/VA
 Sample : K6007-08
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0BL6

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\SOM2WLM111119S.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	2.154	37	41	50	rBV	10171	24115	2.45%	0.403%
2	2.349	67	73	83	rVB	57663	101685	10.34%	1.698%
3	2.886	154	161	175	rVB2	43844	111366	11.33%	1.859%
4	3.349	235	237	238	rVV	479	310	0.03%	0.005%
5	3.373	238	241	249	rVB4	1266	2696	0.27%	0.045%
6	3.532	262	267	274	rBV4	2459	5526	0.56%	0.092%
7	3.660	285	288	289	rBV2	430	497	0.05%	0.008%
8	3.690	291	293	295	rBV	447	319	0.03%	0.005%
9	3.830	314	316	319	rVV2	346	270	0.03%	0.005%
10	4.019	335	347	359	rBV	87306	285737	29.07%	4.771%
11	4.263	385	387	391	rVB2	349	469	0.05%	0.008%
12	4.397	401	409	414	rBV5	1986	5736	0.58%	0.096%
13	4.507	425	427	430	rVB2	426	425	0.04%	0.007%
14	4.556	430	435	437	rBV2	393	467	0.05%	0.008%
15	4.690	454	457	461	rBV3	580	642	0.07%	0.011%
16	4.836	478	481	484	rBV2	321	272	0.03%	0.005%
17	4.916	484	494	512	rVV3	11039	43672	4.44%	0.729%
18	5.184	537	538	540	rBV	322	229	0.02%	0.004%
19	5.233	544	546	551	rVB2	270	316	0.03%	0.005%
20	5.373	567	569	573	rVB2	191	235	0.02%	0.004%
21	5.416	573	576	578	rBV2	447	504	0.05%	0.008%
22	5.556	597	599	601	rVB2	417	301	0.03%	0.005%
23	5.586	603	604	607	rBV2	386	367	0.04%	0.006%
24	5.720	623	626	628	rBV	397	458	0.05%	0.008%
25	5.745	628	630	631	rBV	397	249	0.03%	0.004%
26	5.842	644	646	648	rVB	469	388	0.04%	0.006%
27	5.873	648	651	653	rBV	266	403	0.04%	0.007%
28	5.940	653	662	671	rVB5	3203	9508	0.97%	0.159%
29	6.037	673	678	680	rBV2	405	668	0.07%	0.011%
30	6.092	685	687	690	rVB	363	308	0.03%	0.005%
31	6.171	699	700	702	rBV	509	390	0.04%	0.007%
32	6.208	705	706	707	rBV	434	239	0.02%	0.004%
33	6.373	731	733	735	rBB2	257	239	0.02%	0.004%
34	6.415	738	740	742	rVB2	274	253	0.03%	0.004%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	6.507	754	755	760	rBV2	268	336	0.03%	0.006%
36	6.549	760	762	764	rBV2	458	403	0.04%	0.007%
37	6.604	769	771	773	rBV2	213	262	0.03%	0.004%
38	6.745	791	794	796	rVB2	340	363	0.04%	0.006%
39	6.806	802	804	805	rVB	453	217	0.02%	0.004%
40	6.824	805	807	810	rVB	245	245	0.02%	0.004%
41	6.982	832	833	836	rBV2	473	428	0.04%	0.007%
42	7.074	839	848	853	rBV	39544	108779	11.07%	1.816%
43	7.293	882	884	885	rBV2	459	278	0.03%	0.005%
44	7.446	908	909	911	rBV2	471	306	0.03%	0.005%
45	7.525	920	922	924	rBV2	635	550	0.06%	0.009%
46	7.647	931	942	953	rBV	162304	398782	40.57%	6.658%
47	7.769	958	962	963	rBV2	487	442	0.04%	0.007%
48	7.860	976	977	979	rBV2	319	240	0.02%	0.004%
49	7.946	986	991	992	rBV4	1624	1655	0.17%	0.028%
50	8.013	1000	1002	1006	rBV2	200	252	0.03%	0.004%
51	8.049	1006	1008	1011	rBV2	189	244	0.02%	0.004%
52	8.086	1011	1014	1016	rVB2	323	341	0.03%	0.006%
53	8.141	1021	1023	1025	rBV2	299	298	0.03%	0.005%
54	8.183	1028	1030	1033	rBV2	337	421	0.04%	0.007%
55	8.275	1034	1045	1064	rVV2	321008	982946	100.00%	16.411%
56	8.842	1130	1138	1147	rVV	236064	465437	47.35%	7.771%
57	8.958	1154	1157	1160	rBV4	513	728	0.07%	0.012%
58	9.031	1167	1169	1170	rBV	412	264	0.03%	0.004%
59	9.055	1170	1173	1174	rVV	510	578	0.06%	0.010%
60	9.073	1174	1176	1183	rVB5	1326	2124	0.22%	0.035%
61	9.140	1185	1187	1190	rVB3	410	316	0.03%	0.005%
62	9.275	1199	1209	1219	rBV	226269	473425	48.16%	7.904%
63	9.464	1238	1240	1241	rBV2	570	453	0.05%	0.008%
64	9.665	1267	1273	1278	rBV3	1727	3372	0.34%	0.056%
65	9.750	1285	1287	1290	rBV4	900	910	0.09%	0.015%
66	10.031	1327	1333	1341	rBV	90135	162951	16.58%	2.721%
67	10.116	1345	1347	1348	rBV	1255	889	0.09%	0.015%
68	10.220	1356	1364	1367	rBV7	1633	3796	0.39%	0.063%
69	10.244	1367	1368	1373	rVB3	1034	1158	0.12%	0.019%
70	10.323	1373	1381	1389	rBV	396776	699319	71.15%	11.676%
71	10.573	1416	1422	1429	rBV	54183	94635	9.63%	1.580%

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72	10.701	1438	1443	1451	rVB	30664	54067	5.50%	0.903%
73	10.927	1473	1480	1492	rBV	133452	238884	24.30%	3.988%
74	11.067	1498	1503	1512	rBV	14824	25278	2.57%	0.422%
75	11.439	1559	1564	1570	rVB2	23557	40889	4.16%	0.683%
76	11.628	1589	1595	1608	rVB	272198	460849	46.88%	7.694%
77	12.116	1673	1675	1676	rBV	654	441	0.04%	0.007%
78	12.164	1681	1683	1689	rVB4	1388	2236	0.23%	0.037%
79	12.414	1722	1724	1725	rBV2	391	276	0.03%	0.005%
80	12.469	1728	1733	1741	rVB3	10237	17377	1.77%	0.290%
81	12.524	1741	1742	1744	rBV	384	264	0.03%	0.004%
82	12.542	1744	1745	1748	rBV3	320	270	0.03%	0.005%
83	12.609	1749	1756	1762	rBV	57346	98104	9.98%	1.638%
84	12.689	1763	1769	1778	rVV	182405	318142	32.37%	5.312%
85	12.823	1789	1791	1793	rVB3	307	220	0.02%	0.004%
86	12.932	1804	1809	1816	rVB3	7170	11069	1.13%	0.185%
87	13.036	1820	1826	1830	rBV6	1430	2591	0.26%	0.043%
88	13.073	1830	1832	1835	rVB4	796	740	0.08%	0.012%
89	13.115	1838	1839	1843	rBV3	471	489	0.05%	0.008%
90	13.152	1843	1845	1847	rBV3	791	865	0.09%	0.014%
91	13.207	1850	1854	1859	rVB5	2585	4803	0.49%	0.080%
92	13.298	1864	1869	1874	rVB3	6841	10599	1.08%	0.177%
93	13.408	1881	1887	1892	rBV3	3279	4898	0.50%	0.082%
94	13.469	1892	1897	1901	rBV2	9848	15738	1.60%	0.263%
95	13.554	1905	1911	1918	rBV	172112	283091	28.80%	4.726%
96	13.853	1954	1960	1966	rBV	213879	343587	34.95%	5.736%
97	14.073	1991	1996	2001	rVB2	16374	26630	2.71%	0.445%
98	14.237	2021	2023	2026	rBV2	573	534	0.05%	0.009%
99	14.286	2029	2031	2032	rBV2	693	504	0.05%	0.008%
100	15.438	2215	2220	2225	rVB	11851	18653	1.90%	0.311%

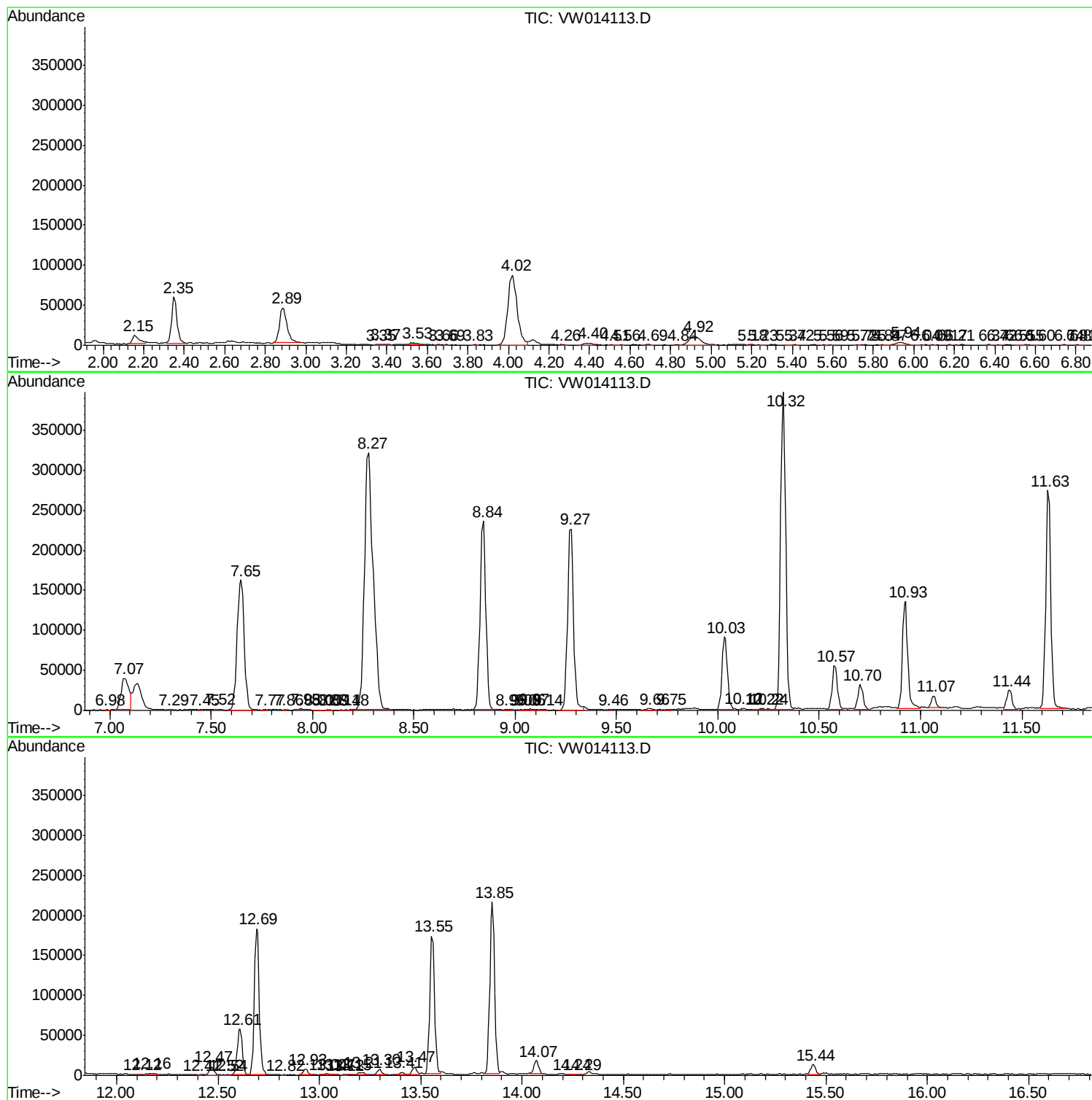
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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



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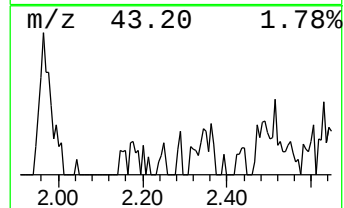
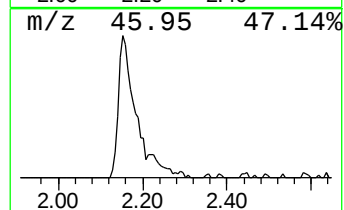
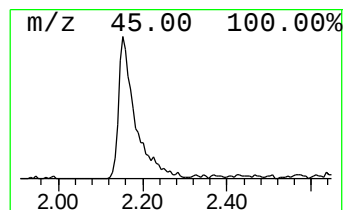
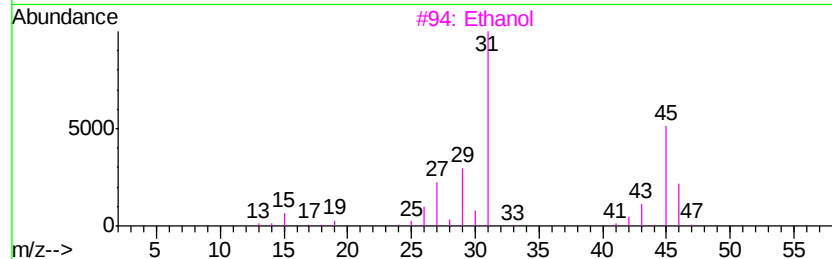
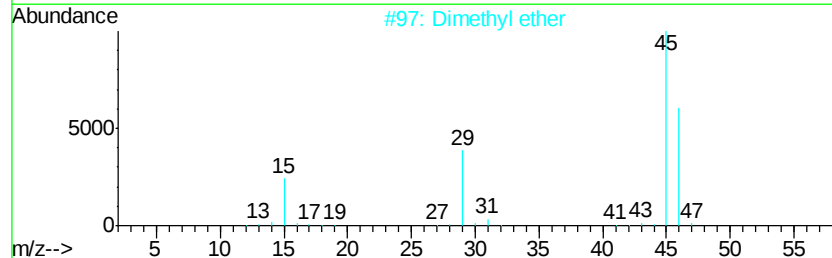
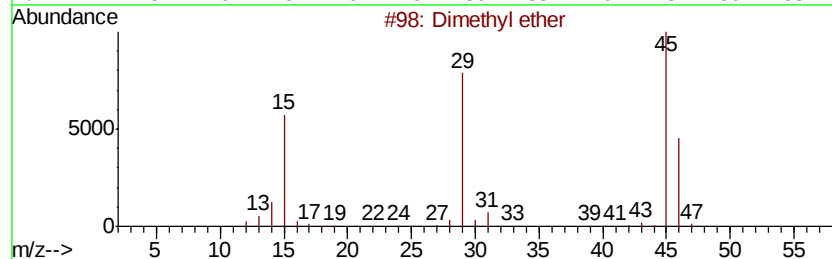
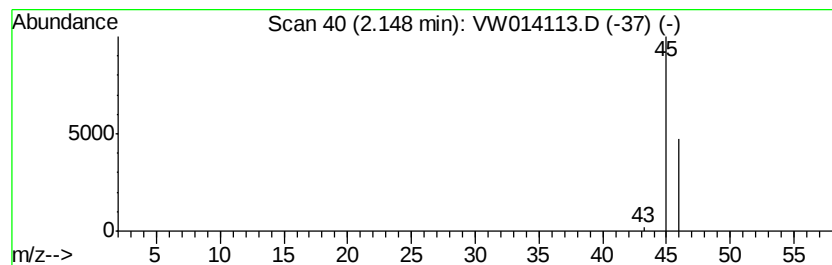
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 1 Dimethyl ether Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.30 ug/L	24115	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl ether	46	C2H6O	000115-10-6	74
2		Dimethyl ether	46	C2H6O	000115-10-6	7
3		Ethanol	46	C2H6O	000064-17-5	4
4		Ethanol	46	C2H6O	000064-17-5	4
5		Ethanol	46	C2H6O	000064-17-5	4



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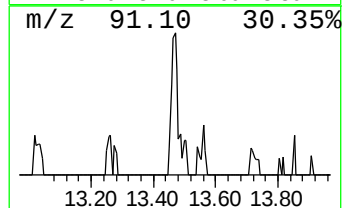
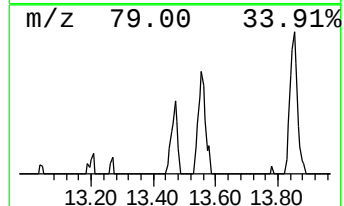
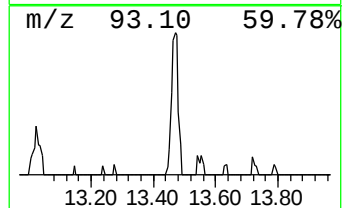
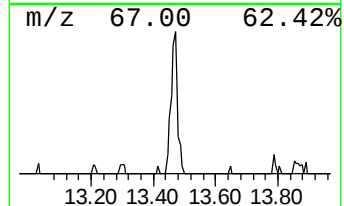
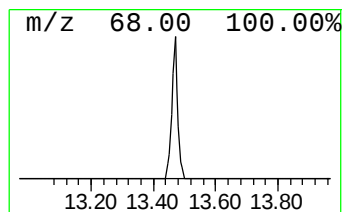
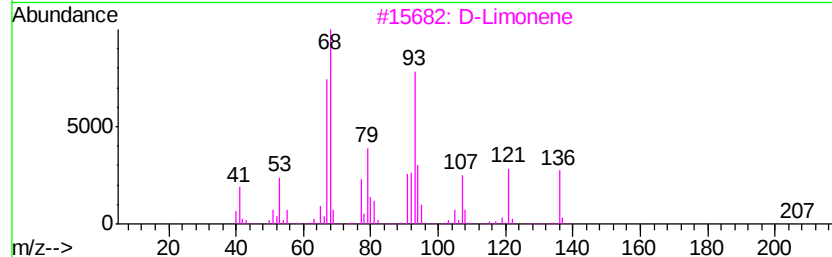
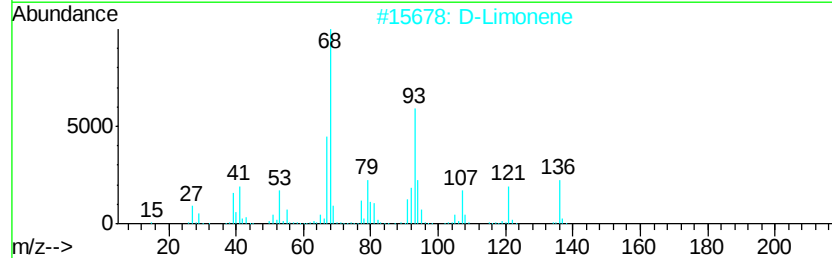
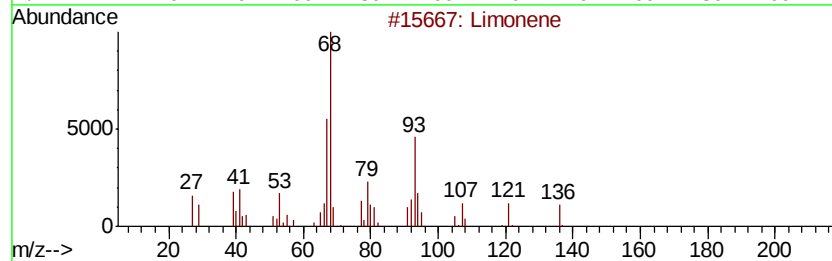
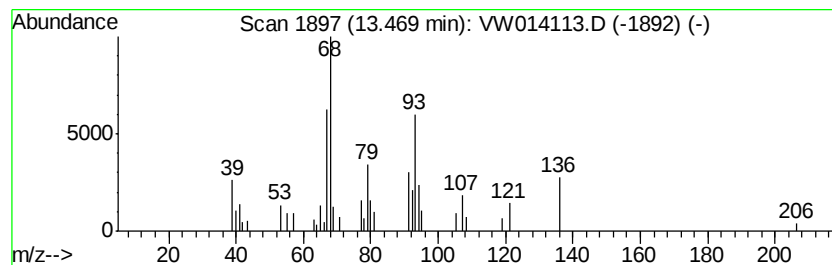
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Quant Title : VOC Analysis

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

Peak Number 7 Limonene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.39 ug/L	15738	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Limonene	136	C10H16	000138-86-3	94
2		D-Limonene	136	C10H16	005989-27-5	94
3		D-Limonene	136	C10H16	005989-27-5	94
4		Limonene	136	C10H16	000138-86-3	93
5		Limonene	136	C10H16	000138-86-3	91



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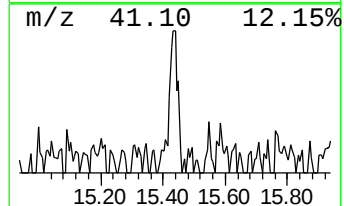
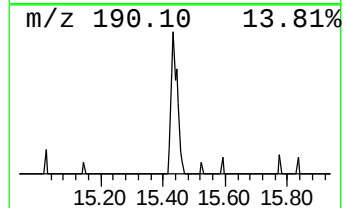
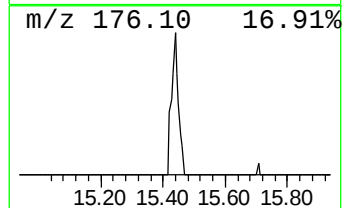
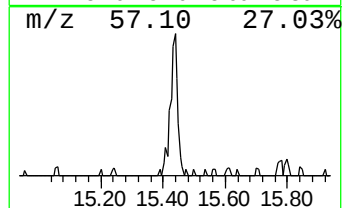
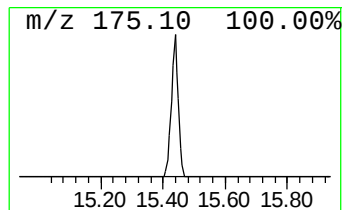
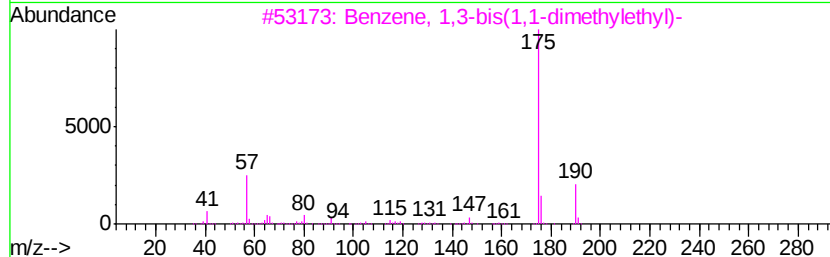
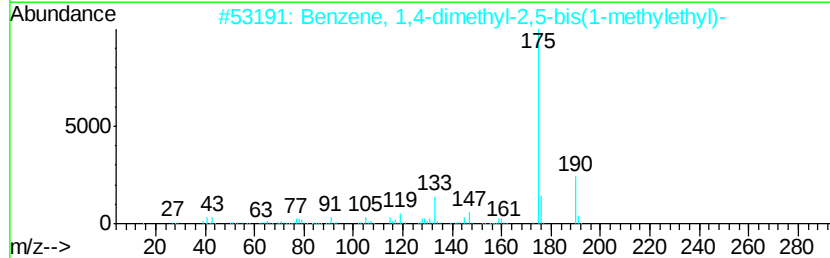
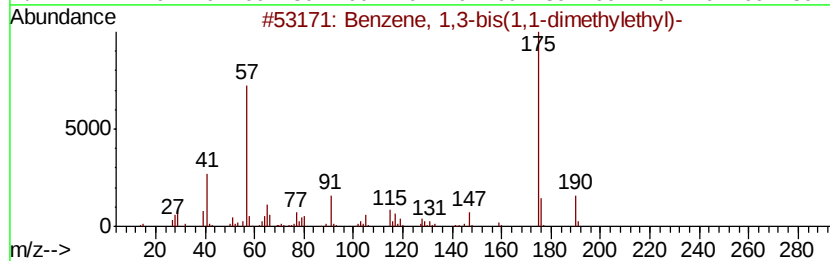
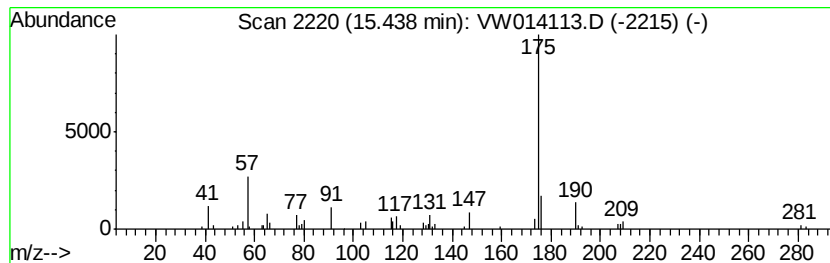
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 9 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.65 ug/L	18653	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	81
2		Benzene, 1,4-dimethyl-2,5-bis(1-methylethyl)-	190	C14H22	010375-96-9	80
3		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	74
4		Benzenepropanal, 4-(1,1-dimethyl-2-methylethyl)-	190	C13H18O	018127-01-0	72
5		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	72



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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
Dimethyl ether	2.15	1.3	ug/L	24115	1	8.84	465437	25.0
Limonene	13.47	1.4	ug/L	15738	3	13.56	283091	25.0
Benzene, 1,3-bis(...	15.44	1.6	ug/L	18653	3	13.56	283091	25.0