

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111419\
 Data File : VW014016.D
 Acq On : 14 Nov 2019 13:15
 Operator : SY/VA
 Sample : K5798-11
 Misc : 5.67G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFLW9

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	35	41	53	rBV	30721	74679	4.23%	0.572%
2	2.349	67	73	83	rVB	117017	213035	12.05%	1.631%
3	2.885	154	161	174	rBV	82118	202056	11.43%	1.547%
4	3.501	257	262	263	rVV3	964	1081	0.06%	0.008%
5	3.532	263	267	273	rVB2	2321	4186	0.24%	0.032%
6	4.013	331	346	362	rBV	186151	609110	34.46%	4.663%
7	4.385	400	407	416	rBV6	1929	5731	0.32%	0.044%
8	4.666	445	453	461	rVV3	6319	17340	0.98%	0.133%
9	4.909	483	493	495	rBV2	9009	20829	1.18%	0.159%
10	5.123	522	528	529	rVV2	842	878	0.05%	0.007%
11	5.153	532	533	536	rVV3	602	613	0.03%	0.005%
12	5.745	628	630	637	rVB5	642	867	0.05%	0.007%
13	5.934	654	661	671	rVB4	3634	10448	0.59%	0.080%
14	6.927	821	824	829	rVB4	414	737	0.04%	0.006%
15	7.074	838	848	852	rBV	56327	146083	8.27%	1.118%
16	7.135	854	858	867	rVV2	50560	128044	7.24%	0.980%
17	7.244	868	876	892	rVB	282619	700541	39.64%	5.363%
18	7.513	918	920	922	rBV2	609	715	0.04%	0.005%
19	7.641	930	941	958	rVV	290589	708870	40.11%	5.427%
20	7.952	984	992	997	rVB3	1131	2849	0.16%	0.022%
21	8.269	1033	1044	1062	rBV2	598101	1767414	100.00%	13.530%
22	8.622	1098	1102	1103	rBV3	769	931	0.05%	0.007%
23	8.842	1129	1138	1147	rBV	394135	795697	45.02%	6.091%
24	9.025	1162	1168	1173	rBV2	16097	32136	1.82%	0.246%
25	9.085	1173	1178	1188	rVB5	10500	23060	1.30%	0.177%
26	9.195	1192	1196	1199	rVB2	749	694	0.04%	0.005%
27	9.268	1199	1208	1220	rBV	389669	807842	45.71%	6.184%
28	9.384	1225	1227	1231	rVV3	843	1262	0.07%	0.010%
29	9.506	1241	1247	1254	rVB3	5393	10748	0.61%	0.082%
30	9.652	1266	1271	1278	rVB4	2955	5874	0.33%	0.045%
31	9.768	1285	1290	1293	rBV4	487	671	0.04%	0.005%
32	9.890	1307	1310	1318	rVB5	1346	2514	0.14%	0.019%
33	10.030	1323	1333	1343	rBV	212618	386860	21.89%	2.961%
34	10.122	1345	1348	1353	rVB3	2039	3115	0.18%	0.024%

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 Title : VOC Analysis

35	10.207	1357	1362	1366	rBV4	3098	5416	0.31%	0.041%
36	10.323	1373	1381	1388	rBV	827561	1490035	84.31%	11.407%
37	10.384	1388	1391	1396	rVB	6142	10137	0.57%	0.078%
38	10.482	1405	1407	1408	rBV2	1059	771	0.04%	0.006%
39	10.573	1416	1422	1433	rVB	137170	237550	13.44%	1.818%
40	10.701	1436	1443	1451	rBV	81255	151841	8.59%	1.162%
41	10.860	1463	1469	1473	rBV3	7941	13065	0.74%	0.100%
42	10.921	1473	1479	1497	rVB	219321	363572	20.57%	2.783%
43	11.061	1497	1502	1511	rBV	58364	96619	5.47%	0.740%
44	11.177	1516	1521	1525	rVB5	2469	3911	0.22%	0.030%
45	11.439	1555	1564	1571	rVB	34073	58190	3.29%	0.445%
46	11.518	1575	1577	1578	rBV	721	614	0.03%	0.005%
47	11.628	1587	1595	1604	rBV	559656	944881	53.46%	7.233%
48	11.780	1618	1620	1622	rBV3	931	1064	0.06%	0.008%
49	11.835	1625	1629	1632	rBV5	1975	2995	0.17%	0.023%
50	11.939	1642	1646	1650	rVV4	887	1662	0.09%	0.013%
51	12.091	1668	1671	1677	rVB5	1078	2226	0.13%	0.017%
52	12.176	1679	1685	1692	rVB5	5198	9705	0.55%	0.074%
53	12.243	1692	1696	1699	rBV5	635	1052	0.06%	0.008%
54	12.335	1709	1711	1714	rVB3	961	1156	0.07%	0.009%
55	12.359	1714	1715	1719	rBV2	1016	822	0.05%	0.006%
56	12.469	1728	1733	1737	rVB4	2183	3815	0.22%	0.029%
57	12.603	1747	1755	1762	rVB	105062	181840	10.29%	1.392%
58	12.688	1762	1769	1777	rBV	306039	508647	28.78%	3.894%
59	12.756	1777	1780	1784	rBV4	2467	3361	0.19%	0.026%
60	12.853	1794	1796	1799	rVV	967	785	0.04%	0.006%
61	12.926	1804	1808	1819	rVB2	20335	35718	2.02%	0.273%
62	13.006	1819	1821	1822	rBV	941	650	0.04%	0.005%
63	13.036	1823	1826	1830	rVB4	2315	2827	0.16%	0.022%
64	13.073	1830	1832	1836	rBV4	2249	3523	0.20%	0.027%
65	13.115	1836	1839	1843	rVB3	4844	6714	0.38%	0.051%
66	13.188	1844	1851	1856	rBV2	5795	10330	0.58%	0.079%
67	13.298	1863	1869	1877	rVB2	18300	31410	1.78%	0.240%
68	13.408	1878	1887	1892	rBV2	11870	21937	1.24%	0.168%
69	13.463	1894	1896	1900	rBV4	2272	3794	0.21%	0.029%
70	13.512	1900	1904	1905	rBV3	2776	3981	0.23%	0.030%
71	13.554	1905	1911	1918	rBV	561303	906691	51.30%	6.941%

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72	13.646	1923	1926	1932	rVB4	8116	13261	0.75%	0.102%
73	13.719	1935	1938	1939	rBV2	778	788	0.04%	0.006%
74	13.761	1939	1945	1949	rBV3	9334	16343	0.92%	0.125%
75	13.853	1953	1960	1966	rBV	626598	1028852	58.21%	7.876%
76	13.950	1974	1976	1980	rVB4	3964	4685	0.27%	0.036%
77	14.018	1983	1987	1990	rBV5	2193	3258	0.18%	0.025%
78	14.072	1990	1996	2002	rVB2	39964	66931	3.79%	0.512%
79	14.200	2010	2017	2021	rBV5	3525	7066	0.40%	0.054%
80	14.328	2031	2038	2041	rBV6	5843	11578	0.66%	0.089%
81	14.505	2063	2067	2068	rBV4	1285	2021	0.11%	0.015%
82	14.524	2068	2070	2077	rVB6	4227	6267	0.35%	0.048%
83	14.725	2096	2103	2110	rBV8	4406	8493	0.48%	0.065%
84	14.798	2110	2115	2118	rBV5	1467	2531	0.14%	0.019%
85	14.847	2118	2123	2126	rVV5	1536	2310	0.13%	0.018%
86	14.926	2134	2136	2139	rVB3	1216	793	0.04%	0.006%
87	15.030	2151	2153	2156	rBV3	1133	1354	0.08%	0.010%
88	15.109	2163	2166	2168	rBV3	1462	1533	0.09%	0.012%
89	15.255	2188	2190	2193	rBV4	1182	1510	0.09%	0.012%
90	15.371	2205	2209	2210	rBV2	1091	1254	0.07%	0.010%
91	15.438	2210	2220	2225	rVV2	26385	50831	2.88%	0.389%
92	15.493	2225	2229	2234	rVB2	3167	5928	0.34%	0.045%
93	15.633	2250	2252	2256	rBV4	636	1014	0.06%	0.008%
94	15.688	2258	2261	2266	rVB6	2088	3611	0.20%	0.028%
95	15.767	2268	2274	2275	rBV5	2703	4662	0.26%	0.036%
96	15.846	2285	2287	2291	rVB4	1691	1787	0.10%	0.014%
97	15.944	2301	2303	2305	rBV2	859	806	0.05%	0.006%
98	16.005	2311	2313	2317	rVB4	855	814	0.05%	0.006%
99	16.084	2323	2326	2328	rBV3	824	1127	0.06%	0.009%
100	16.127	2331	2333	2335	rBV3	690	768	0.04%	0.006%

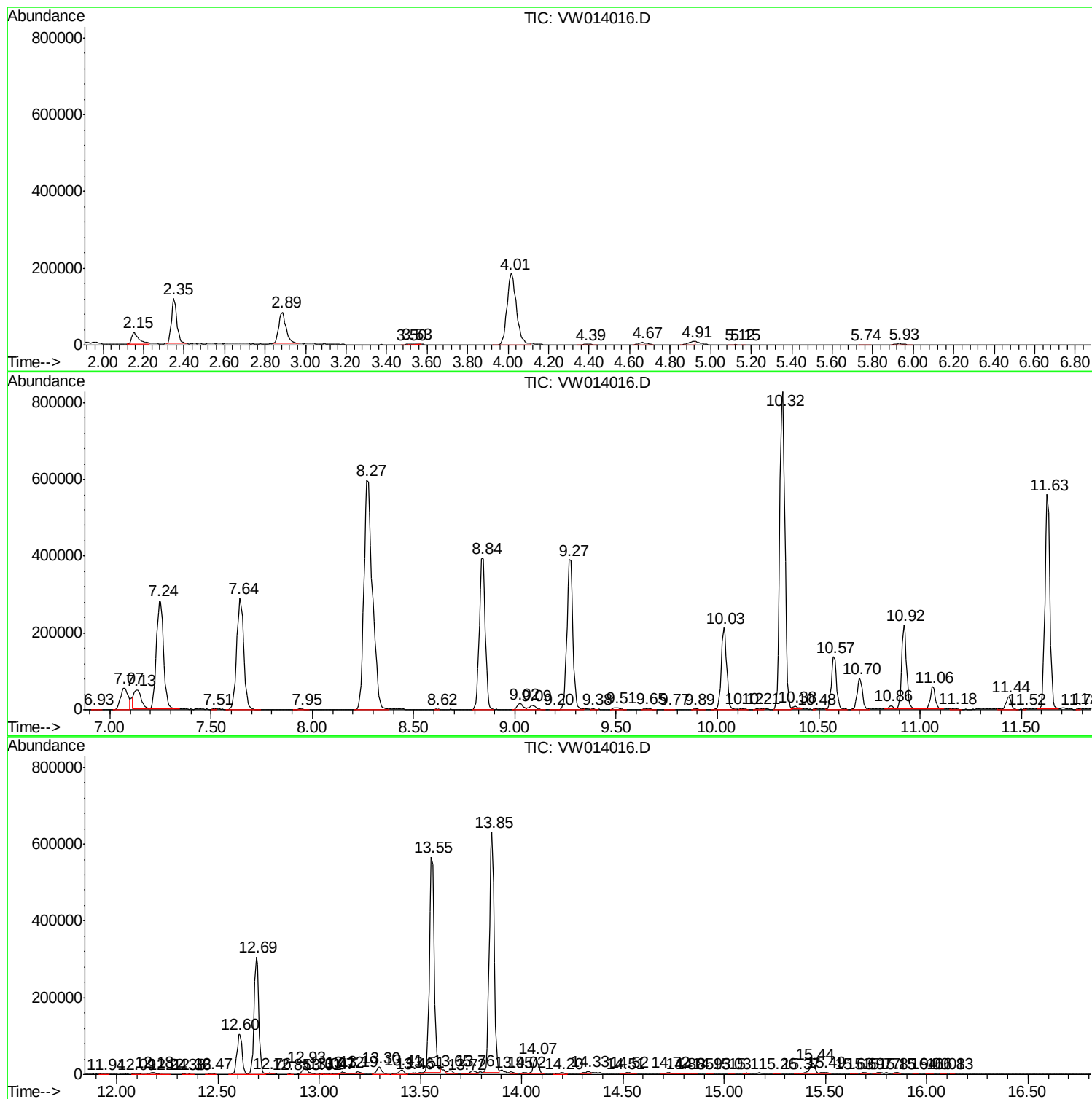
Sum of corrected areas: 13062993

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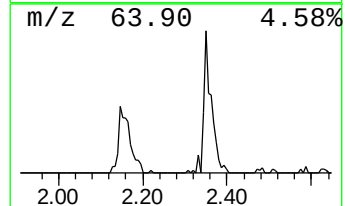
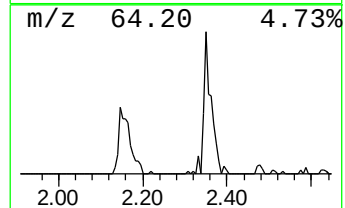
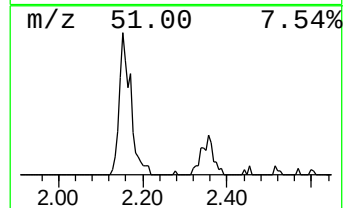
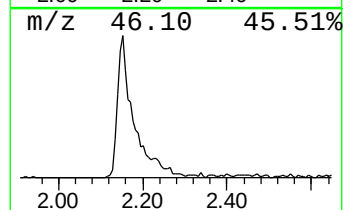
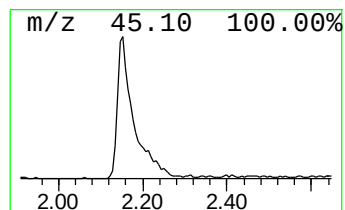
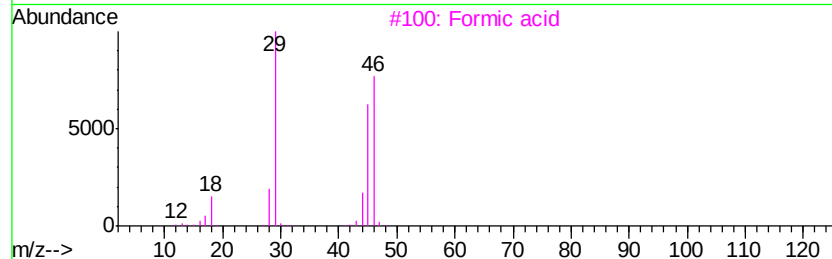
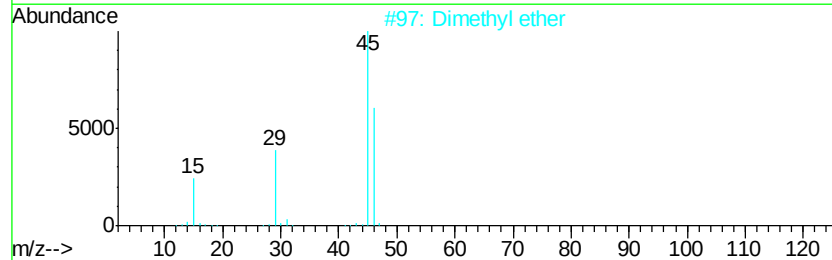
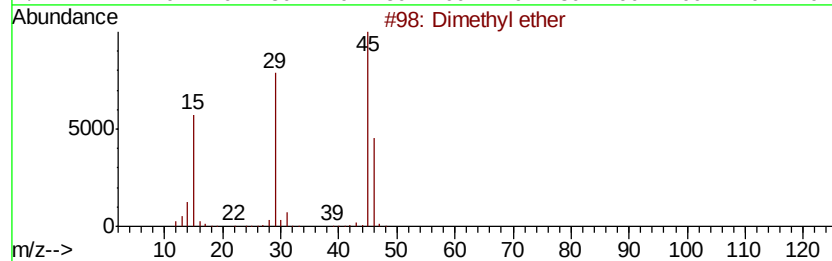
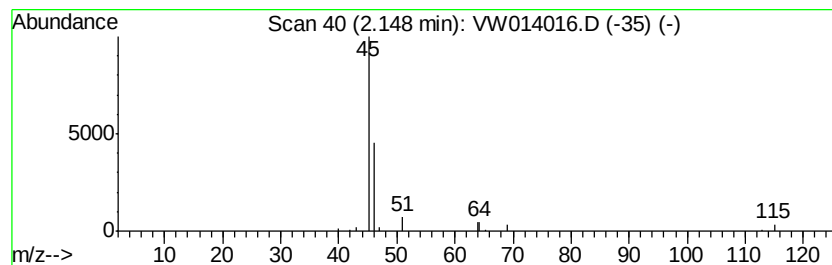
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 1 Dimethyl ether Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	2.35 ug/L	74679	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl ether	46	C2H6O	000115-10-6	9
2		Dimethyl ether	46	C2H6O	000115-10-6	9
3		Formic acid	46	CH2O2	000064-18-6	5
4		Ethanol	46	C2H6O	000064-17-5	4
5		Ethanol	46	C2H6O	000064-17-5	4



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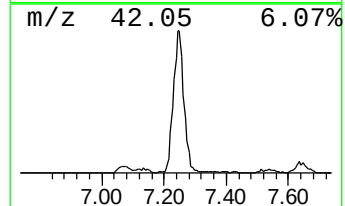
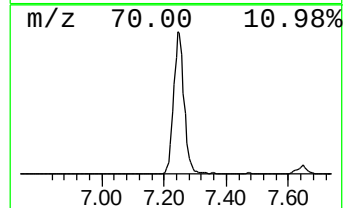
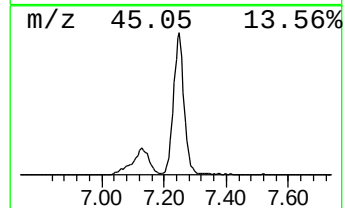
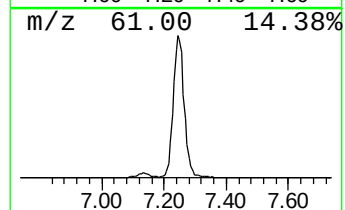
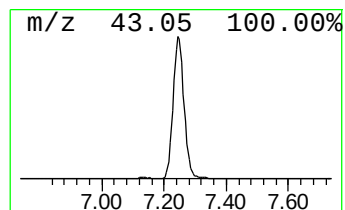
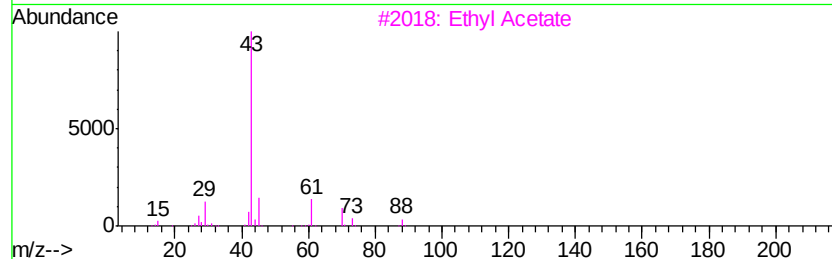
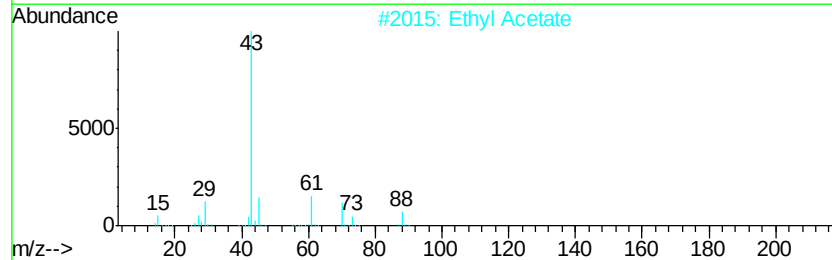
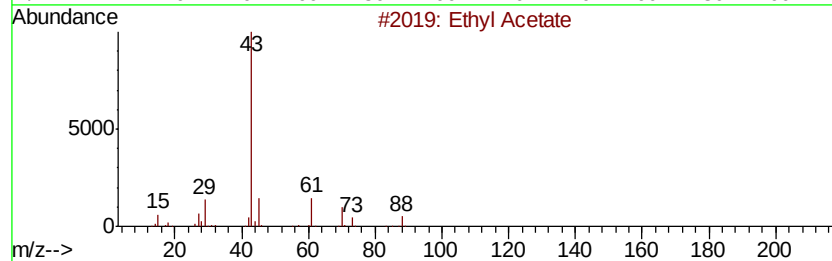
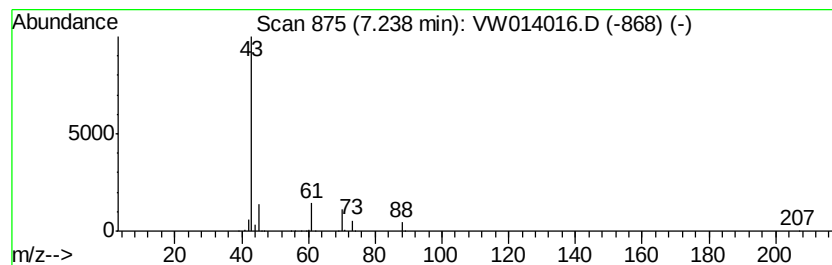
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
Quant Title : VOC Analysis

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

Peak Number 3 Ethyl Acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	22.01 ug/L	700541	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	90
2		Ethyl Acetate	88	C4H8O2	000141-78-6	86
3		Ethyl Acetate	88	C4H8O2	000141-78-6	86
4		Ethyl Acetate	88	C4H8O2	000141-78-6	86
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	50



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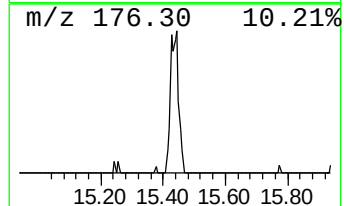
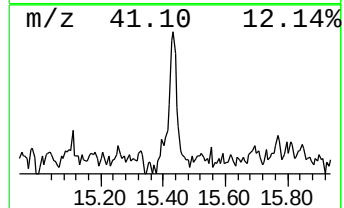
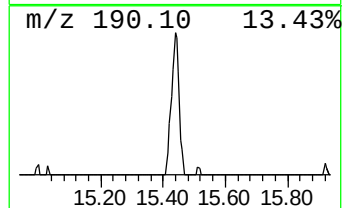
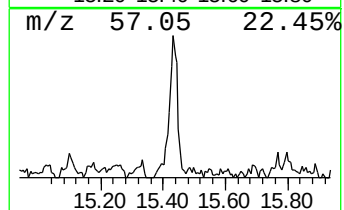
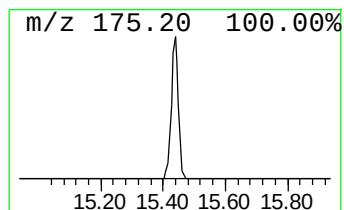
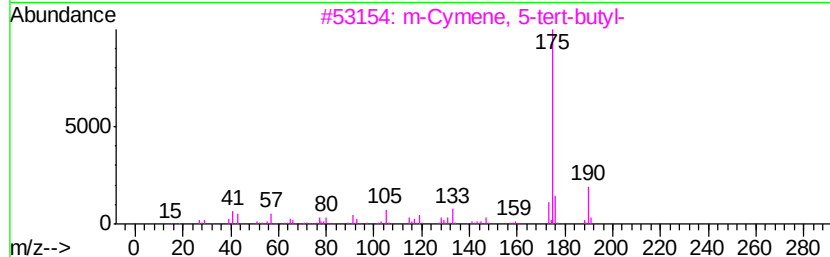
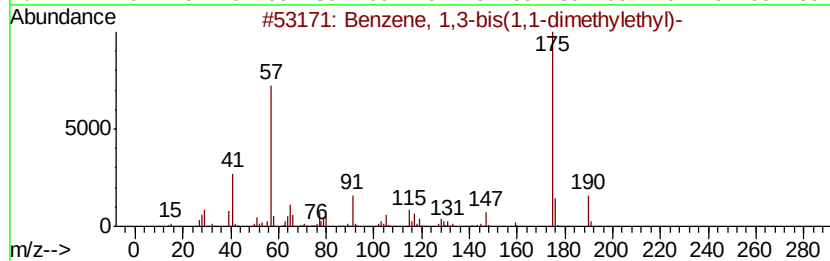
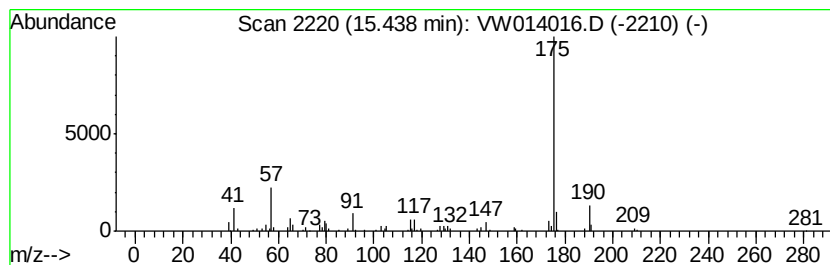
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Quant Title : VOC Analysis

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

Peak Number 10 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.40 ug/L	50831	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	90
2		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	83
3		m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	80
4		p-Pentylacetophenone	190	C13H18O	037593-02-5	64
5		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	64



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Operator : SY/VA
Sample : K5798-11
Misc : 5.67G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFLW9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.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
Dimethyl ether	2.15	2.4	ug/L	74679	1	8.84	795697	25.0
Ethyl Acetate	7.24	22.0	ug/L	700541	1	8.84	795697	25.0
Benzene, 1,3-bis(...	15.44	1.4	ug/L	50831	3	13.55	906691	25.0