

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102519\
 Data File : VW013741.D
 Acq On : 25 Oct 2019 12:11
 Operator : SY/VA
 Sample : K5535-06
 Misc : 6.14G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BEK28

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\SOM2WLM101819S.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	2.166	39	43	48	rBV4	2622	5012	0.40%	0.067%
2	2.355	67	74	83	rBV	102511	190658	15.14%	2.531%
3	2.538	101	104	107	rVB4	1165	1356	0.11%	0.018%
4	2.690	126	129	130	rBV3	1369	1635	0.13%	0.022%
5	2.897	154	163	173	rBV	67137	166517	13.22%	2.211%
6	3.025	179	184	193	rBV4	4942	10568	0.84%	0.140%
7	3.141	201	203	208	rVB2	1524	1752	0.14%	0.023%
8	3.391	234	244	253	rBV3	5187	13843	1.10%	0.184%
9	4.025	332	348	362	rBV	144089	442263	35.12%	5.872%
10	4.915	482	494	518	rVB7	10078	46573	3.70%	0.618%
11	5.421	571	577	578	rBV3	1943	2822	0.22%	0.037%
12	5.946	653	663	672	rVB3	6494	19040	1.51%	0.253%
13	6.976	824	832	840	rBV5	2702	7705	0.61%	0.102%
14	7.074	840	848	855	rBV	34815	103880	8.25%	1.379%
15	7.647	931	942	952	rBV	197483	488598	38.80%	6.487%
16	7.951	981	992	1000	rBV5	8230	25192	2.00%	0.334%
17	8.037	1001	1006	1013	rVB3	1638	3805	0.30%	0.051%
18	8.147	1019	1024	1030	rBV4	3218	6978	0.55%	0.093%
19	8.275	1030	1045	1062	rBV2	426554	1259205	100.00%	16.717%
20	8.421	1065	1069	1072	rBV5	1804	3467	0.28%	0.046%
21	8.500	1078	1082	1087	rVB3	1277	2477	0.20%	0.033%
22	8.579	1087	1095	1101	rBV6	2687	6595	0.52%	0.088%
23	8.695	1106	1114	1120	rBV4	7764	15221	1.21%	0.202%
24	8.842	1130	1138	1149	rBV	347260	671221	53.31%	8.911%
25	9.043	1167	1171	1172	rBV3	651	906	0.07%	0.012%
26	9.085	1172	1178	1183	rVB8	1468	3119	0.25%	0.041%
27	9.146	1183	1188	1191	rVB2	668	1070	0.08%	0.014%
28	9.274	1200	1209	1215	rBV	269986	540475	42.92%	7.175%
29	9.335	1216	1219	1225	rVB2	26183	45071	3.58%	0.598%
30	9.518	1245	1249	1252	rBV2	627	967	0.08%	0.013%
31	9.604	1257	1263	1269	rBV5	2545	5097	0.40%	0.068%
32	9.750	1279	1287	1293	rBV5	2570	5016	0.40%	0.067%
33	9.896	1304	1311	1315	rBV4	3279	6682	0.53%	0.089%
34	9.957	1315	1321	1326	rBV3	4879	8445	0.67%	0.112%

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35	10.036	1327	1334	1340	rBV	123994	227712	18.08%	3.023%
36	10.207	1357	1362	1365	rBV5	2061	2805	0.22%	0.037%
37	10.250	1365	1369	1373	rVB3	1926	2857	0.23%	0.038%
38	10.323	1373	1381	1389	rBV	536033	922540	73.26%	12.248%
39	10.506	1404	1411	1415	rVB5	7867	15997	1.27%	0.212%
40	10.579	1416	1423	1431	rVV	75595	130387	10.35%	1.731%
41	10.664	1433	1437	1439	rVV4	5516	8318	0.66%	0.110%
42	10.701	1439	1443	1449	rVV2	13685	24526	1.95%	0.326%
43	10.756	1449	1452	1458	rVV6	2939	4802	0.38%	0.064%
44	10.841	1463	1466	1467	rBV3	1051	1225	0.10%	0.016%
45	10.927	1473	1480	1492	rBV	114760	202983	16.12%	2.695%
46	11.061	1492	1502	1507	rBV5	8863	16948	1.35%	0.225%
47	11.140	1513	1515	1516	rBV2	1170	863	0.07%	0.011%
48	11.176	1516	1521	1526	rVV2	7543	12935	1.03%	0.172%
49	11.231	1526	1530	1536	rVV3	5583	8906	0.71%	0.118%
50	11.280	1536	1538	1543	rVV5	1148	1817	0.14%	0.024%
51	11.341	1543	1548	1551	rVV5	2220	3274	0.26%	0.043%
52	11.439	1552	1564	1571	rVB7	8340	23068	1.83%	0.306%
53	11.512	1571	1576	1580	rBV3	4188	7261	0.58%	0.096%
54	11.628	1588	1595	1604	rBV	350158	602317	47.83%	7.996%
55	11.725	1608	1611	1615	rBV3	2016	2376	0.19%	0.032%
56	11.768	1615	1618	1620	rVB4	1327	1190	0.09%	0.016%
57	11.841	1623	1630	1633	rBV4	10407	19719	1.57%	0.262%
58	11.969	1647	1651	1653	rBV3	635	855	0.07%	0.011%
59	11.999	1655	1656	1659	rBV3	694	581	0.05%	0.008%
60	12.030	1659	1661	1663	rBV3	1362	1445	0.11%	0.019%
61	12.134	1672	1678	1682	rBV6	4830	11655	0.93%	0.155%
62	12.249	1691	1697	1702	rVB4	3266	6241	0.50%	0.083%
63	12.298	1702	1705	1707	rBV2	1902	2591	0.21%	0.034%
64	12.469	1729	1733	1735	rBV4	1370	1859	0.15%	0.025%
65	12.609	1751	1756	1761	rBV2	11471	17841	1.42%	0.237%
66	12.688	1761	1769	1776	rVB	163979	272372	21.63%	3.616%
67	12.774	1776	1783	1792	rVB8	4077	10681	0.85%	0.142%
68	12.865	1792	1798	1802	rBV6	4033	7570	0.60%	0.101%
69	12.932	1803	1809	1815	rVV5	13236	28164	2.24%	0.374%
70	12.993	1815	1819	1822	rVB3	2246	3344	0.27%	0.044%
71	13.079	1828	1833	1835	rBV5	2434	4157	0.33%	0.055%

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72	13.164	1843	1847	1853	rVB6	3573	5055	0.40%	0.067%
73	13.249	1855	1861	1865	rBV2	5473	9082	0.72%	0.121%
74	13.469	1890	1897	1904	rVB3	21044	39874	3.17%	0.529%
75	13.560	1904	1912	1919	rBV	184675	304349	24.17%	4.041%
76	13.700	1933	1935	1937	rBV2	1051	1176	0.09%	0.016%
77	13.743	1941	1942	1947	rVB4	1563	1699	0.13%	0.023%
78	13.792	1947	1950	1953	rBV4	1334	2107	0.17%	0.028%
79	13.853	1953	1960	1969	rBV	178079	313889	24.93%	4.167%
80	14.011	1983	1986	1988	rBV4	1223	1632	0.13%	0.022%
81	14.072	1991	1996	2003	rVB	11301	20445	1.62%	0.271%
82	14.200	2012	2017	2021	rVB7	2643	5079	0.40%	0.067%
83	14.255	2021	2026	2029	rBV5	2254	4112	0.33%	0.055%
84	14.328	2033	2038	2043	rBV8	4088	8820	0.70%	0.117%
85	14.426	2052	2054	2057	rVB4	1682	1291	0.10%	0.017%
86	14.499	2063	2066	2068	rBV4	1778	2141	0.17%	0.028%
87	14.548	2068	2074	2079	rVB9	3091	5793	0.46%	0.077%
88	14.633	2086	2088	2089	rBV2	1137	826	0.07%	0.011%
89	14.719	2098	2102	2110	rVB4	10781	17785	1.41%	0.236%
90	14.792	2110	2114	2120	rBV7	2815	7272	0.58%	0.097%
91	14.956	2139	2141	2145	rBV3	1586	2264	0.18%	0.030%
92	15.011	2148	2150	2152	rVB3	1370	885	0.07%	0.012%
93	15.036	2152	2154	2156	rBV3	1652	1594	0.13%	0.021%
94	15.322	2199	2201	2204	rVB4	2891	2953	0.23%	0.039%
95	15.438	2216	2220	2225	rVB2	12121	19291	1.53%	0.256%
96	15.554	2235	2239	2244	rVB5	8276	12276	0.97%	0.163%
97	15.974	2306	2308	2309	rBV2	1013	616	0.05%	0.008%
98	16.176	2337	2341	2343	rBV5	1756	3348	0.27%	0.044%
99	16.255	2353	2354	2356	rBV2	1081	830	0.07%	0.011%
100	16.493	2387	2393	2398	rBV10	4508	8377	0.67%	0.111%

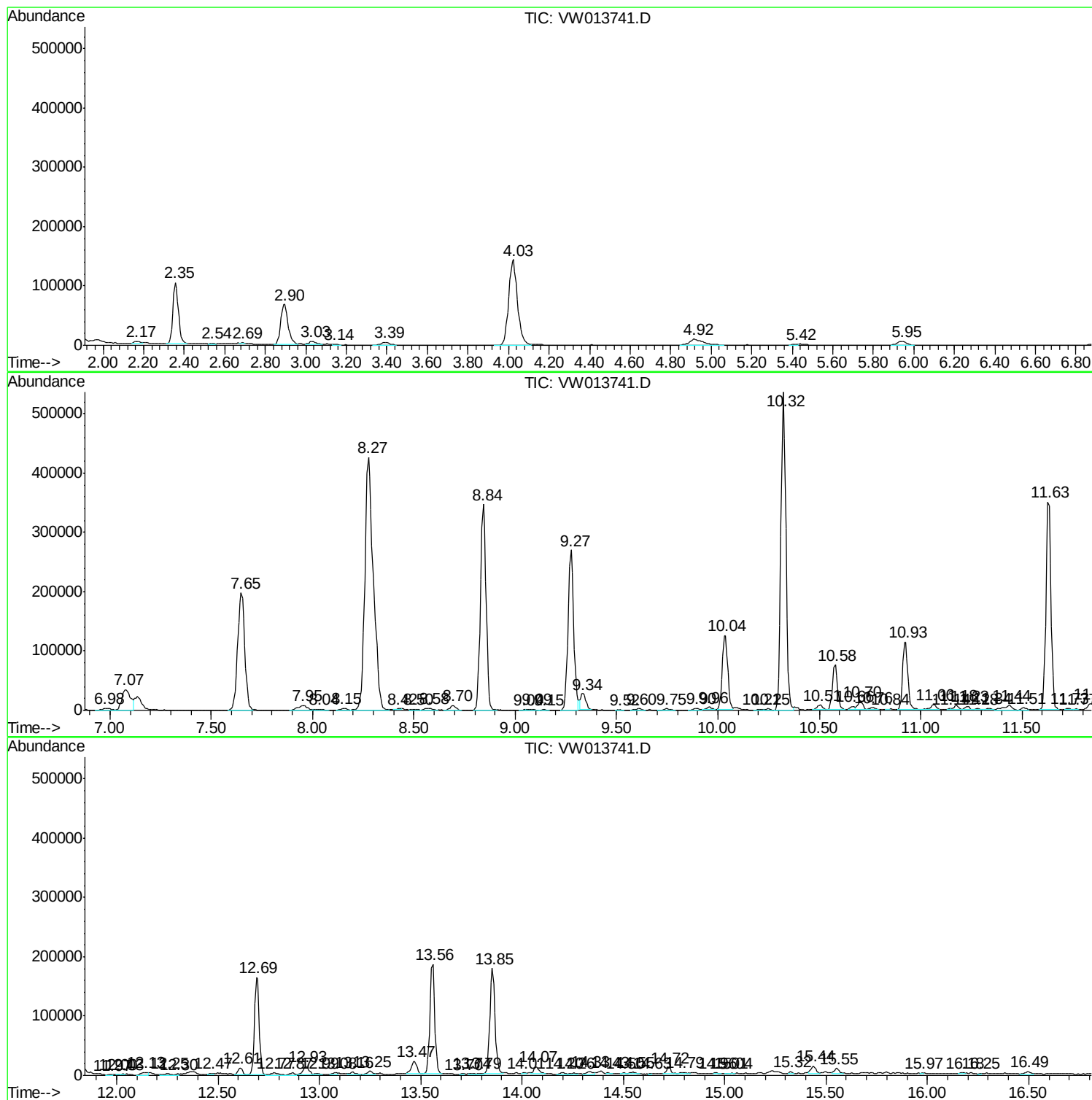
Sum of corrected areas: 7532274

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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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



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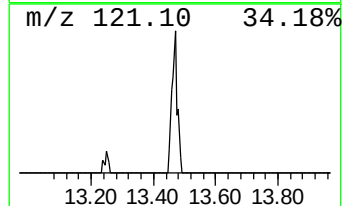
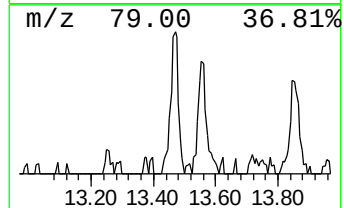
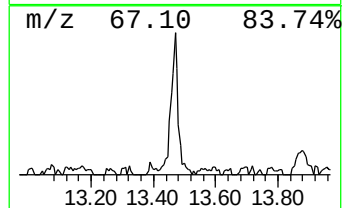
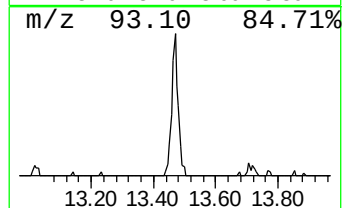
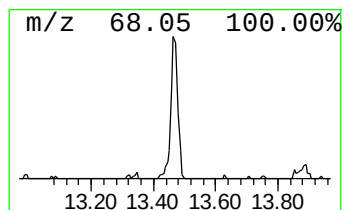
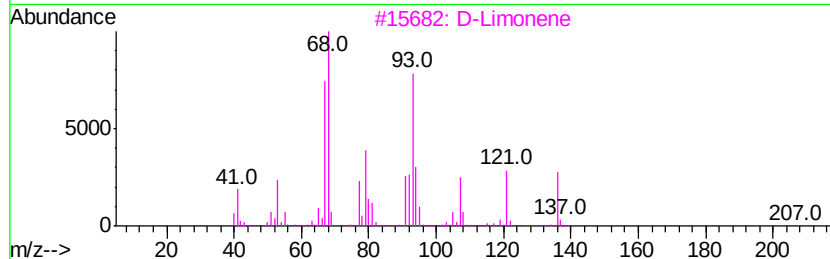
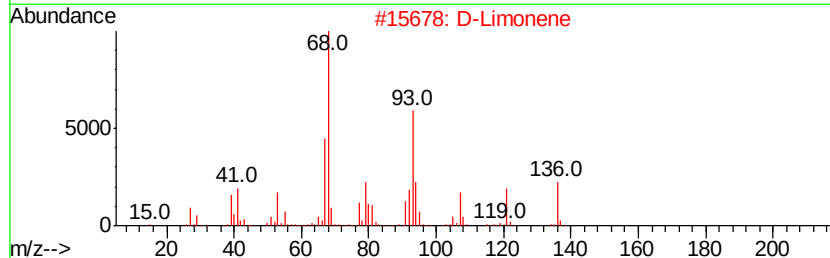
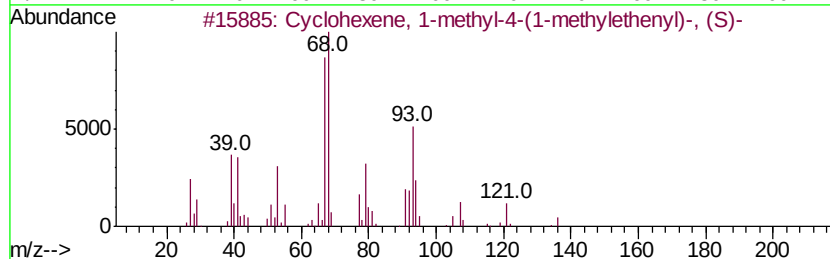
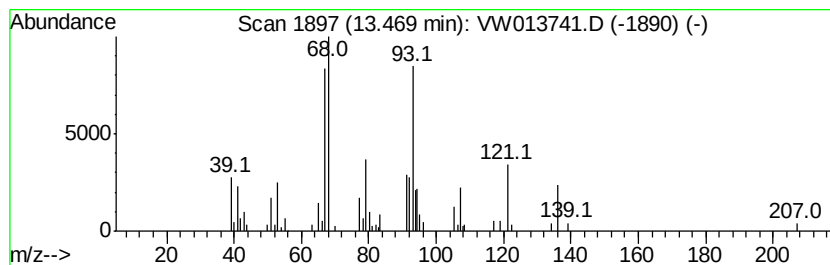
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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

Peak Number 5 Cyclohexene, 1-methyl-4-(1-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	3.28 ug/L	39874	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexene, 1-methyl-4-(1-methyl-4-(1-methylethenyl)-, (S)-	136	C10H16	005989-54-8	83
2		D-Limonene	136	C10H16	005989-27-5	81
3		D-Limonene	136	C10H16	005989-27-5	70
4		D-Limonene	136	C10H16	005989-27-5	62
5		Limonene	136	C10H16	000138-86-3	46



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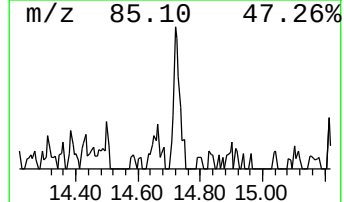
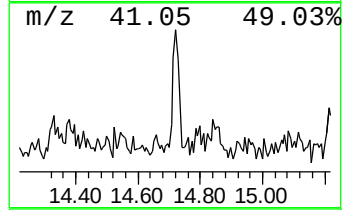
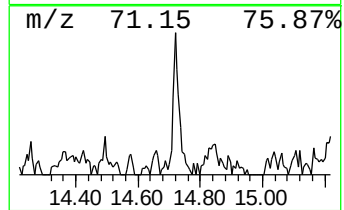
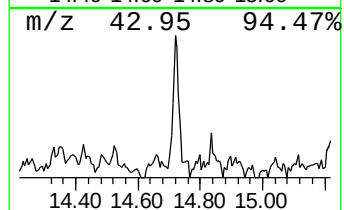
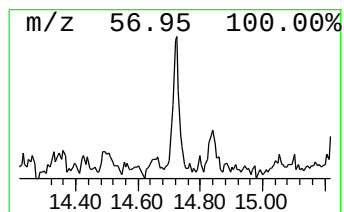
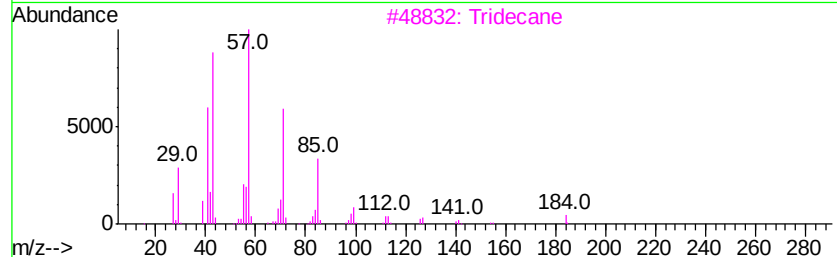
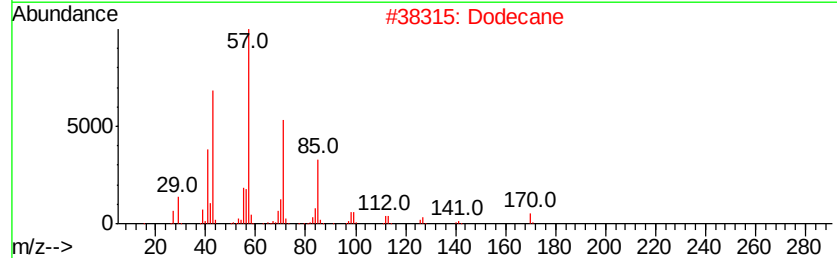
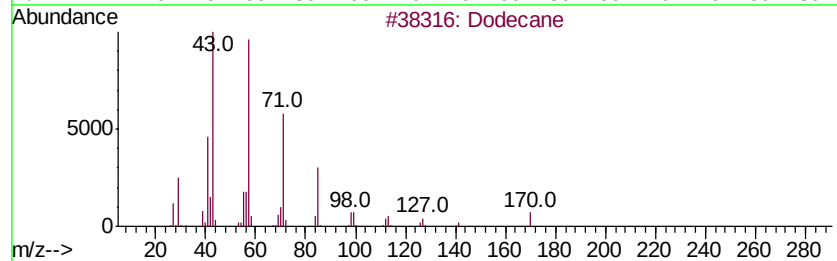
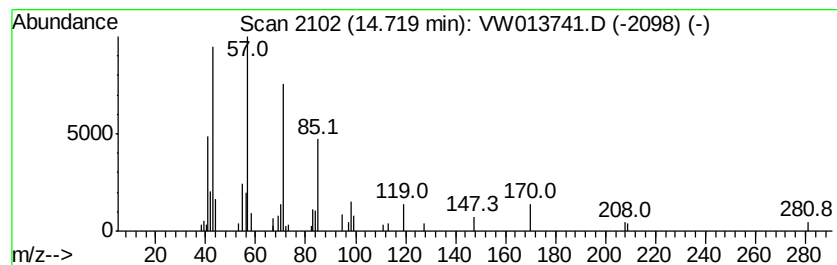
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	1.46 ug/L	17785	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	87
2		Dodecane	170	C12H26	000112-40-3	72
3		Tridecane	184	C13H28	000629-50-5	72
4		Tetradecane	198	C14H30	000629-59-4	64
5		Hexadecane	226	C16H34	000544-76-3	64



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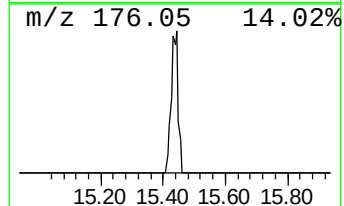
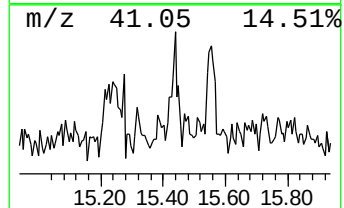
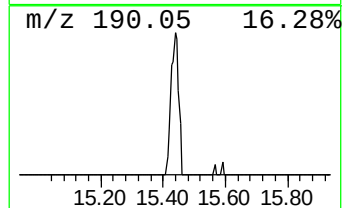
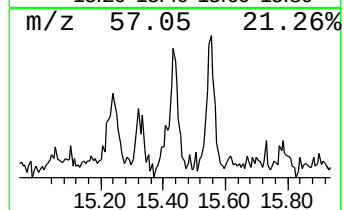
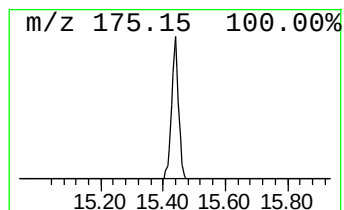
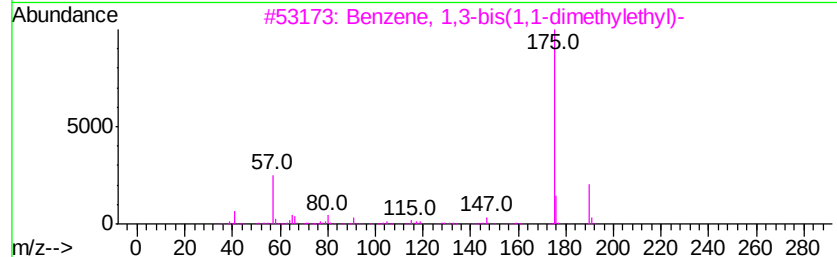
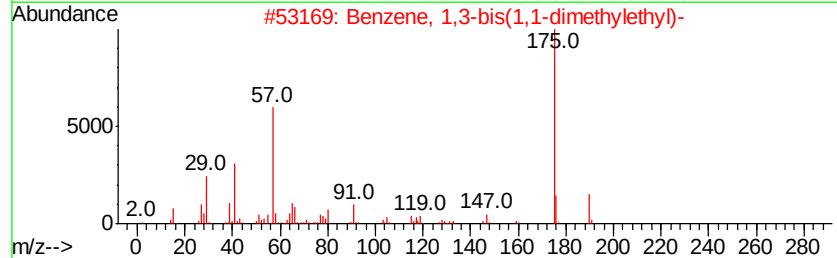
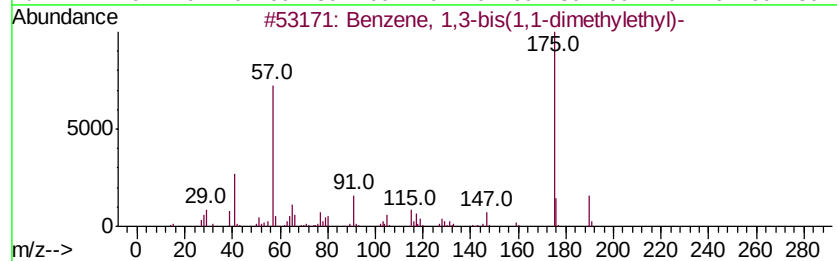
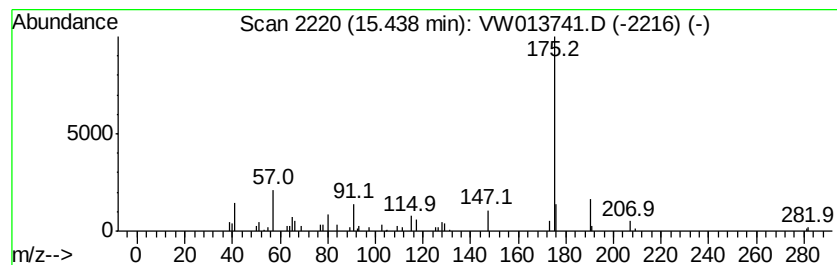
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 8 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.58 ug/L	19291	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	83
2		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	74
3		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	72
4		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	72
5		Benzene, 1,4-dimethyl-2,5-bis(1-ethyl)-	190	C14H22	010375-96-9	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW102519\
Data File : VW013741.D
Acq On : 25 Oct 2019 12:11
Operator : SY/VA
Sample : K5535-06
Misc : 6.14G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BEK28

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.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
Cyclohexene, 1-me...	13.47	3.3	ug/L	39874	3	13.56	304349	25.0
(DEL) Alkane: Str...	14.72	1.5	ug/L	17785	3	13.56	304349	25.0
Benzene, 1,3-bis(...	15.44	1.6	ug/L	19291	3	13.56	304349	25.0