

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011520\
 Data File : VW014653.D
 Acq On : 15 Jan 2020 16:11
 Operator : SY/VA
 Sample : VIBLK34
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK34

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\SOM2WLM122719S.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	1.959	6	9	14	rVB3	4712	7427	0.20%	0.023%
2	2.154	36	41	45	rBV	7030	12357	0.33%	0.039%
3	2.349	65	73	82	rBV	293916	536338	14.41%	1.690%
4	2.885	154	161	174	rBV2	192132	461293	12.40%	1.453%
5	3.379	234	242	248	rBV3	8187	21057	0.57%	0.066%
6	3.525	264	266	267	rVV2	1732	1136	0.03%	0.004%
7	3.641	279	285	288	rVB7	632	1210	0.03%	0.004%
8	3.666	288	289	295	rBV5	508	837	0.02%	0.003%
9	3.721	295	298	300	rBV4	919	887	0.02%	0.003%
10	3.751	302	303	306	rBV2	851	748	0.02%	0.002%
11	3.775	306	307	311	rVB3	881	911	0.02%	0.003%
12	3.922	329	331	335	rBV3	620	902	0.02%	0.003%
13	4.013	335	346	360	rBV	408227	1299894	34.94%	4.095%
14	4.361	399	403	405	rBV4	1231	1844	0.05%	0.006%
15	4.495	423	425	428	rVB3	768	833	0.02%	0.003%
16	4.617	443	445	449	rBV3	749	1299	0.03%	0.004%
17	4.684	453	456	457	rBV2	773	875	0.02%	0.003%
18	4.769	468	470	475	rVB4	823	1394	0.04%	0.004%
19	4.909	482	493	510	rBV6	22582	97915	2.63%	0.308%
20	5.092	520	523	526	rBV3	696	946	0.03%	0.003%
21	5.141	529	531	534	rVV2	675	857	0.02%	0.003%
22	5.403	571	574	576	rBV3	776	999	0.03%	0.003%
23	5.745	621	630	646	rBV7	5344	22786	0.61%	0.072%
24	5.927	651	660	669	rBV5	7070	22333	0.60%	0.070%
25	6.196	702	704	707	rBV2	881	769	0.02%	0.002%
26	6.476	748	750	755	rVB2	415	742	0.02%	0.002%
27	6.799	799	803	805	rBV3	538	763	0.02%	0.002%
28	6.915	817	822	823	rBV3	791	1326	0.04%	0.004%
29	7.067	838	847	852	rBV	107755	288591	7.76%	0.909%
30	7.360	892	895	898	rVB2	1091	1253	0.03%	0.004%
31	7.397	898	901	904	rBV4	566	814	0.02%	0.003%
32	7.519	919	921	922	rBV2	1219	1055	0.03%	0.003%
33	7.641	931	941	956	rVB	554143	1366575	36.73%	4.305%
34	7.854	974	976	977	rBV2	922	887	0.02%	0.003%

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 Title : VOC Analysis

35	7.945	985	991	998	rVB4	2938	6689	0.18%	0.021%
36	8.073	1010	1012	1017	rVB2	600	927	0.02%	0.003%
37	8.268	1030	1044	1061	rBV2	1256498	3720854	100.00%	11.723%
38	8.384	1061	1063	1064	rBV2	1079	800	0.02%	0.003%
39	8.518	1084	1085	1089	rVB3	827	931	0.03%	0.003%
40	8.573	1093	1094	1095	rBV	1848	840	0.02%	0.003%
41	8.598	1095	1098	1100	rBV3	555	800	0.02%	0.003%
42	8.689	1109	1113	1125	rVB7	2550	7346	0.20%	0.023%
43	8.835	1129	1137	1149	rBV	1353041	2723072	73.18%	8.579%
44	9.079	1171	1177	1186	rVB7	5471	11293	0.30%	0.036%
45	9.268	1198	1208	1218	rBV	782348	1588404	42.69%	5.004%
46	9.598	1259	1262	1263	rBV2	977	878	0.02%	0.003%
47	9.652	1263	1271	1273	rBV5	4451	8211	0.22%	0.026%
48	9.756	1284	1288	1294	rVB4	2759	5355	0.14%	0.017%
49	9.890	1303	1310	1316	rVV5	11073	22341	0.60%	0.070%
50	10.030	1319	1333	1345	rBV	420215	776055	20.86%	2.445%
51	10.164	1353	1355	1356	rVB2	1740	1107	0.03%	0.003%
52	10.207	1356	1362	1366	rBV2	7649	16736	0.45%	0.053%
53	10.244	1366	1368	1372	rVV	7766	10788	0.29%	0.034%
54	10.323	1372	1381	1388	rVV	1723150	3051987	82.02%	9.615%
55	10.384	1388	1391	1402	rVB	19033	37765	1.01%	0.119%
56	10.500	1406	1410	1415	rBV6	893	1463	0.04%	0.005%
57	10.573	1415	1422	1434	rBV	265861	472925	12.71%	1.490%
58	10.701	1436	1443	1451	rBV	288385	519511	13.96%	1.637%
59	10.762	1451	1453	1454	rBV2	2555	1990	0.05%	0.006%
60	10.847	1462	1467	1472	rVB4	5532	11093	0.30%	0.035%
61	10.920	1472	1479	1488	rBV	414831	700006	18.81%	2.205%
62	11.061	1496	1502	1509	rBV2	101886	174961	4.70%	0.551%
63	11.170	1516	1520	1527	rBV4	12194	23535	0.63%	0.074%
64	11.439	1558	1564	1570	rVB	80206	138456	3.72%	0.436%
65	11.628	1588	1595	1607	rVB	1869343	3166824	85.11%	9.977%
66	11.835	1625	1629	1637	rVB	30154	59448	1.60%	0.187%
67	12.164	1677	1683	1692	rBV2	59158	112861	3.03%	0.356%
68	12.310	1705	1707	1708	rBV3	1517	1068	0.03%	0.003%
69	12.463	1728	1732	1742	rVB2	14013	25491	0.69%	0.080%
70	12.536	1742	1744	1746	rBV3	1489	833	0.02%	0.003%
71	12.609	1748	1756	1762	rBV	160063	271073	7.29%	0.854%

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72	12.688	1763	1769	1777	rBV	606771	979630	26.33%	3.086%
73	12.816	1784	1790	1791	rBV3	14403	26422	0.71%	0.083%
74	12.938	1805	1810	1817	rVB2	85959	164179	4.41%	0.517%
75	13.103	1830	1837	1844	rVB3	14355	33835	0.91%	0.107%
76	13.194	1848	1852	1854	rBV2	5564	7285	0.20%	0.023%
77	13.249	1855	1861	1864	rBV2	66375	122522	3.29%	0.386%
78	13.408	1883	1887	1895	rBV4	24063	67491	1.81%	0.213%
79	13.469	1895	1897	1904	rVB	27703	46013	1.24%	0.145%
80	13.554	1904	1911	1934	rVB	1895642	3234882	86.94%	10.192%
81	13.755	1939	1944	1948	rBV3	40240	69331	1.86%	0.218%
82	13.853	1953	1960	1966	rBV	1451173	2392334	64.30%	7.537%
83	13.938	1969	1974	1982	rVB	131598	240188	6.46%	0.757%
84	14.005	1982	1985	1987	rBV4	5872	7752	0.21%	0.024%
85	14.066	1992	1995	2004	rVB3	43270	96918	2.60%	0.305%
86	14.206	2014	2018	2021	rBV4	9862	15378	0.41%	0.048%
87	14.395	2044	2049	2050	rBV2	25244	34183	0.92%	0.108%
88	14.456	2056	2059	2060	rBV2	21499	24333	0.65%	0.077%
89	14.633	2085	2088	2092	rBV5	2972	4924	0.13%	0.016%
90	14.688	2092	2097	2100	rVV3	18000	31886	0.86%	0.100%
91	14.725	2100	2103	2109	rVV3	23508	41314	1.11%	0.130%
92	14.792	2109	2114	2121	rVV4	37115	84249	2.26%	0.265%
93	14.871	2122	2127	2132	rVV	33565	60936	1.64%	0.192%
94	14.950	2135	2140	2150	rVB2	81996	156692	4.21%	0.494%
95	15.286	2191	2195	2198	rBV5	13647	26896	0.72%	0.085%
96	15.365	2202	2208	2215	rVV	548869	969297	26.05%	3.054%
97	15.438	2215	2220	2232	rVB2	65973	164303	4.42%	0.518%
98	15.639	2246	2253	2260	rBV5	15950	48801	1.31%	0.154%
99	16.444	2378	2385	2397	rVB	130685	300185	8.07%	0.946%
100	16.645	2410	2418	2428	rVB	195517	454209	12.21%	1.431%

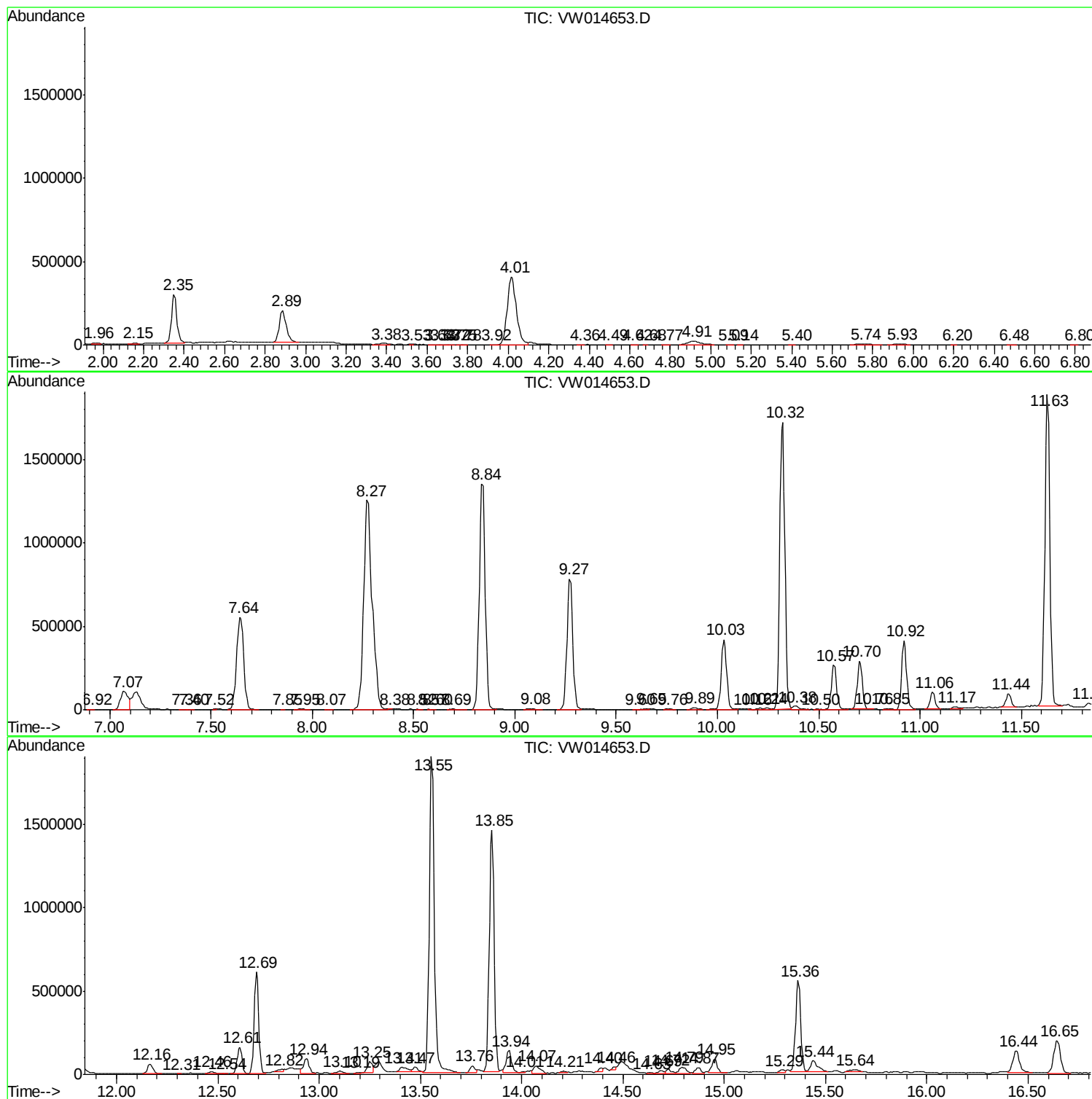
Sum of corrected areas: 31740938

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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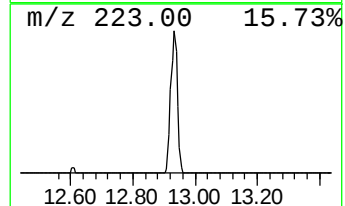
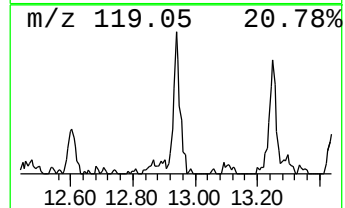
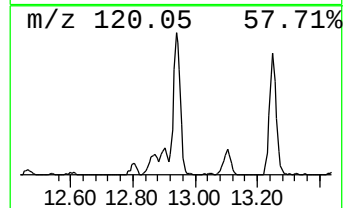
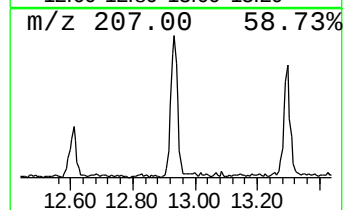
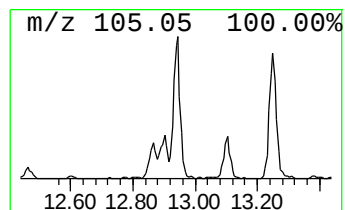
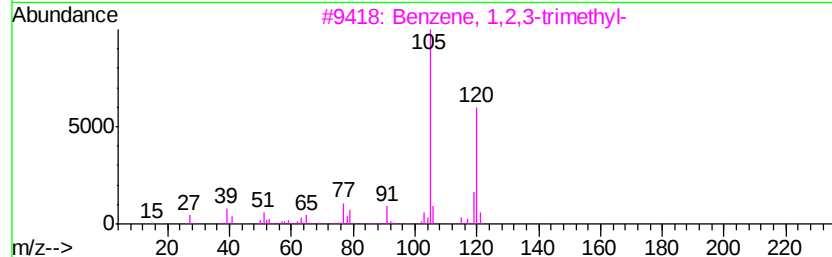
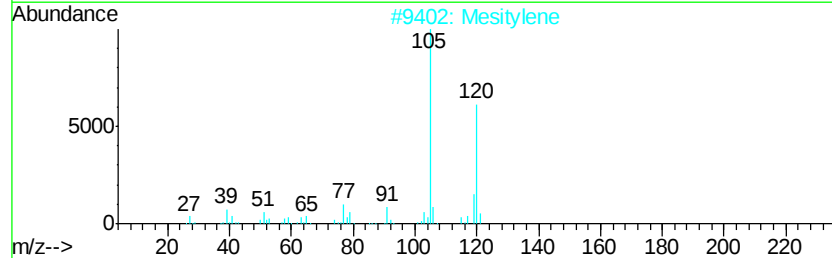
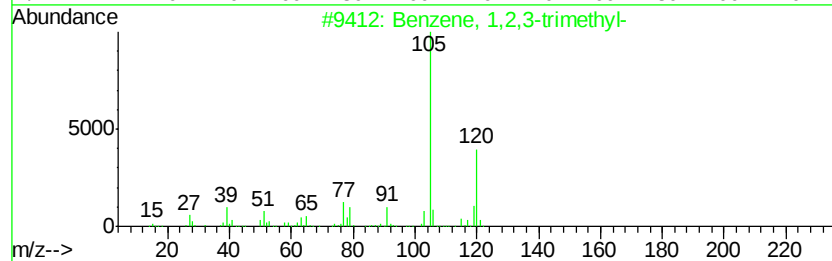
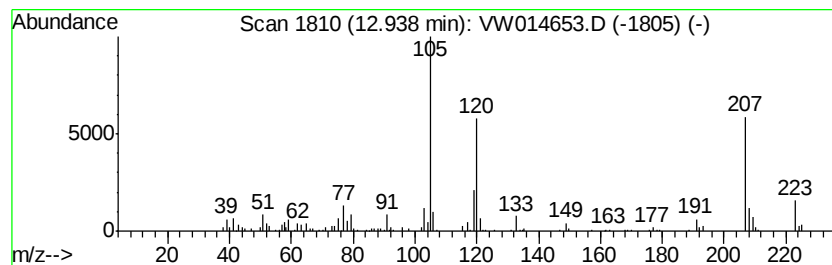
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	1.27 ug/L	164179	1,4-Dichlorobenzene-d4	13.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2		Mesitylene	120	C9H12	000108-67-8	90
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4		Mesitylene	120	C9H12	000108-67-8	55
5		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	55



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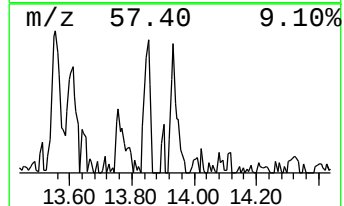
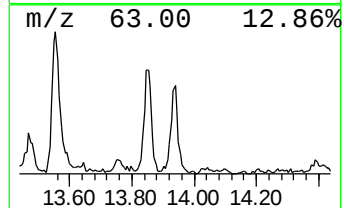
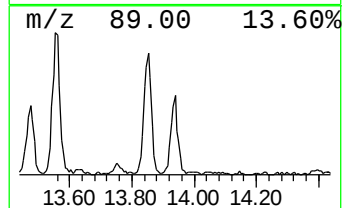
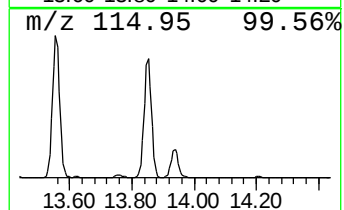
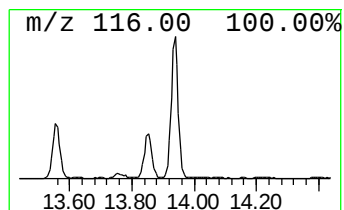
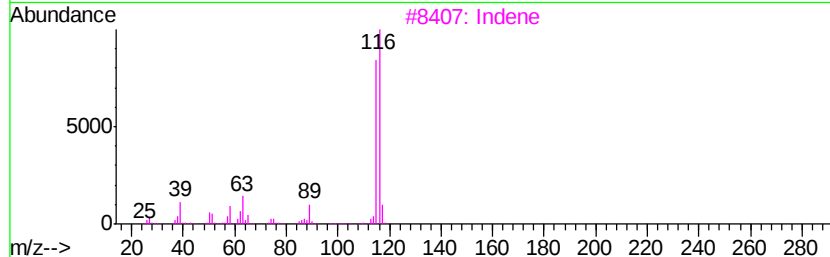
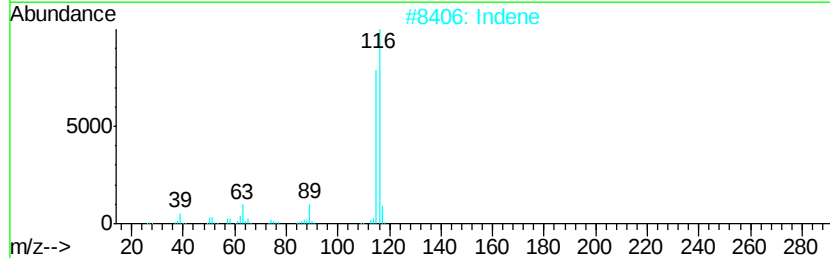
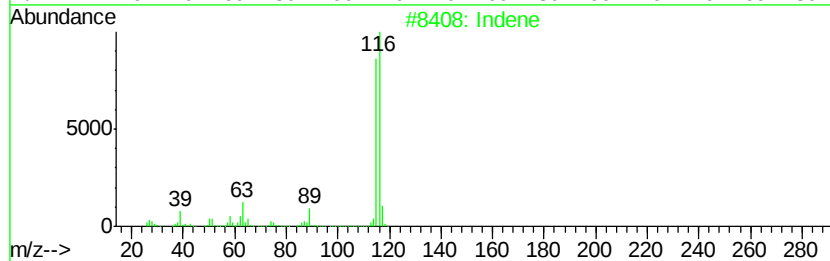
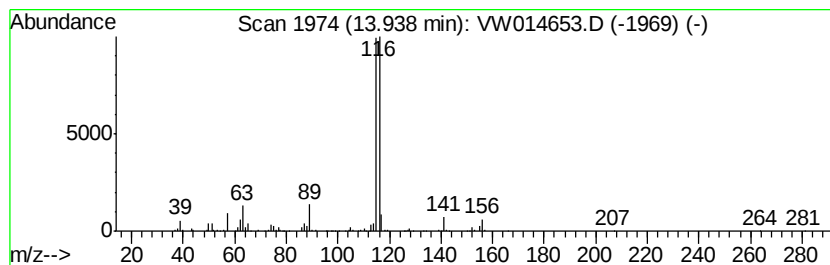
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 6 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	1.86 ug/L	240188	1,4-Dichlorobenzene-d4	13.55

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	95
2	Indene		116	C9H8	000095-13-6	95
3	Indene		116	C9H8	000095-13-6	94
4	Benzene, 1-propynyl-		116	C9H8	000673-32-5	94
5	3-Methylphenylacetylene		116	C9H8	000766-82-5	91



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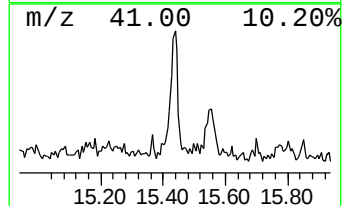
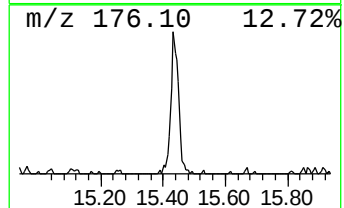
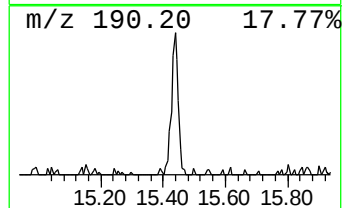
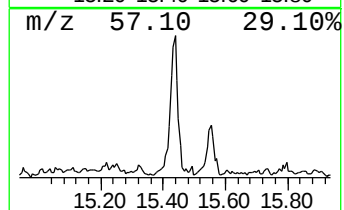
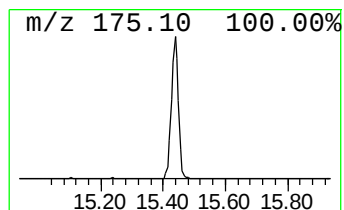
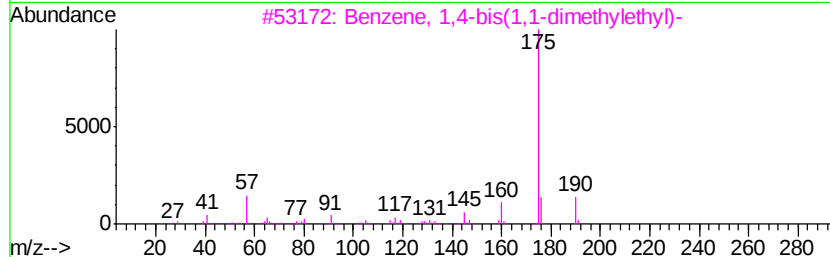
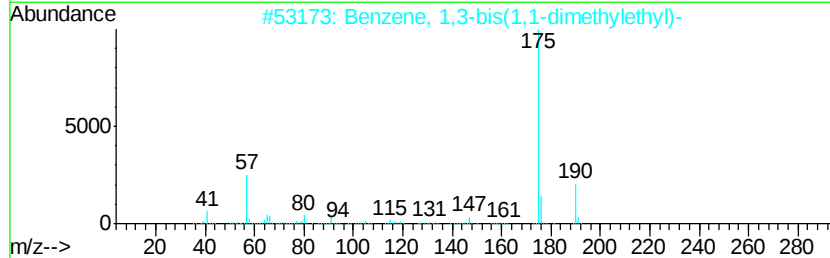
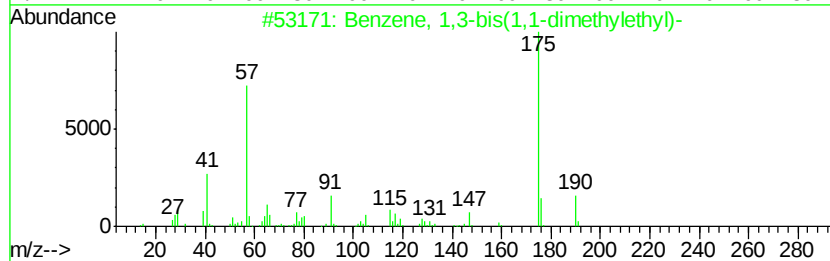
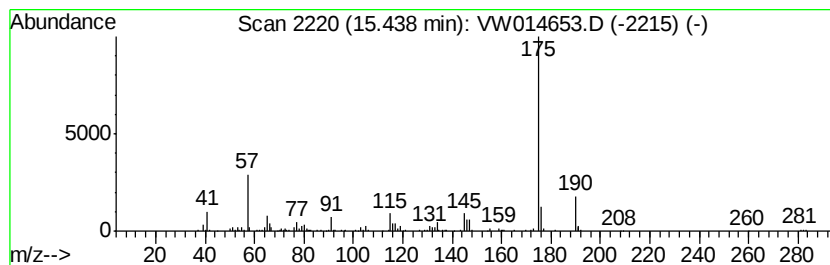
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Quant Title : VOC Analysis

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

Peak Number 8 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.27 ug/L	164303	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	81
2		Benzene, 1,3-bis(1,1-dimethylethyl)-	190	C14H22	001014-60-4	81
3		Benzene, 1,4-bis(1,1-dimethylethyl)-	190	C14H22	001012-72-2	80
4		2,2'-Ethylidenebis(5-methylfuran)	190	C12H14O2	003209-79-8	64
5		Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW011520\
Data File : VW014653.D
Acq On : 15 Jan 2020 16:11
Operator : SY/VA
Sample : VIBLK34
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

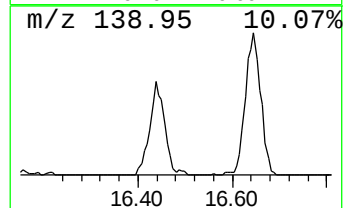
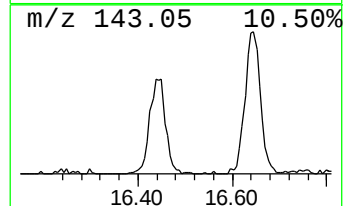
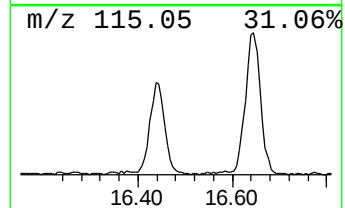
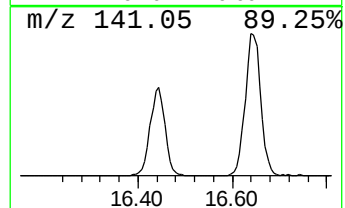
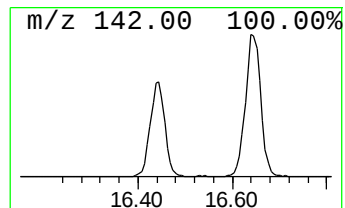
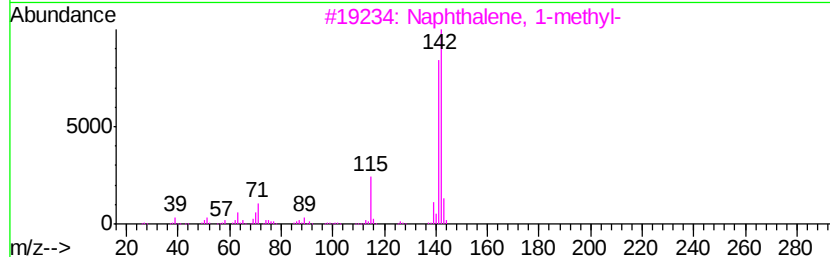
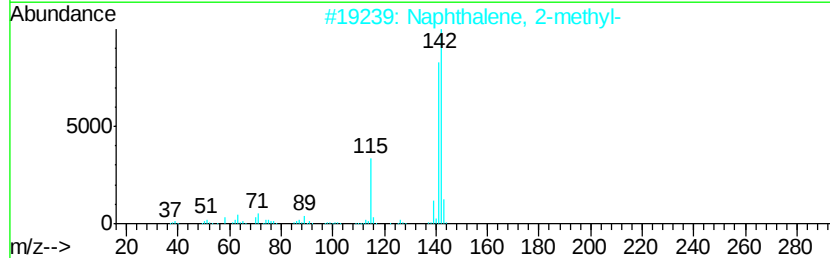
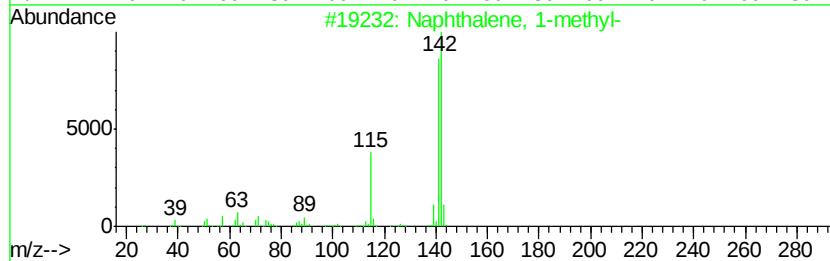
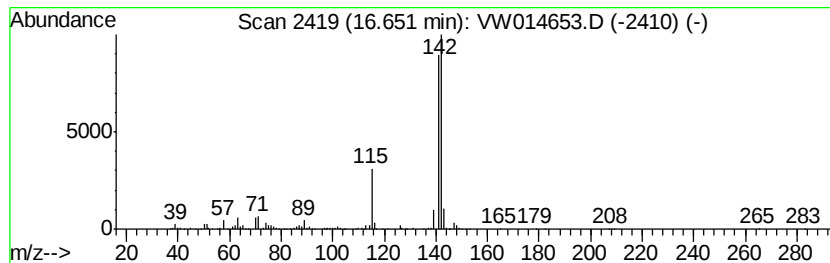
Instrument :
MSVOA_W
ClientSampleId :
VIBLK34

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	3.51 ug/L	454209	1,4-Dichlorobenzene-d4	13.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 97
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 95
3		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94
4		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 93
5		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011520\
Data File : VW014653.D
Acq On : 15 Jan 2020 16:11
Operator : SY/VA
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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK34

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.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
Benzene, 1,2,3-tr...	12.94	1.3	ug/L	164179	3	13.55	3234880	25.0
Indene	13.94	1.9	ug/L	240188	3	13.55	3234880	25.0
Benzene, 1,3-bis(...	15.44	1.3	ug/L	164303	3	13.55	3234880	25.0
Naphthalene, 1-me...	16.65	3.5	ug/L	454209	3	13.55	3234880	25.0