

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
 Data File : VW009366.D
 Acq On : 23 Mar 2019 01:38
 Operator : SY/VA
 Sample : K2031-06
 Misc : 2.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5W1

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	2.001	11	16	29	rVB	31727	86728	6.66%	1.088%
2	2.361	69	75	90	rVB	62827	157526	12.10%	1.976%
3	2.891	156	162	175	rVB	67083	186730	14.35%	2.342%
4	3.842	310	318	319	rBV7	3111	5894	0.45%	0.074%
5	4.019	336	347	359	rBV3	104360	385741	29.64%	4.838%
6	4.379	393	406	422	rBV	48958	179850	13.82%	2.256%
7	4.629	444	447	448	rBV	3077	2952	0.23%	0.037%
8	4.915	482	494	508	rBV	33731	136994	10.53%	1.718%
9	5.043	513	515	519	rVB2	2898	2408	0.19%	0.030%
10	5.104	524	525	528	rBV2	2385	2107	0.16%	0.026%
11	5.299	551	557	558	rBV	1785	3036	0.23%	0.038%
12	5.415	568	576	577	rBV3	7575	14630	1.12%	0.184%
13	5.781	631	636	637	rBV	4832	6211	0.48%	0.078%
14	5.885	649	653	654	rBV	2759	2810	0.22%	0.035%
15	5.927	654	660	667	rVV4	10147	29030	2.23%	0.364%
16	6.122	689	692	696	rVB	2708	3589	0.28%	0.045%
17	6.714	787	789	793	rVB2	1770	2460	0.19%	0.031%
18	6.763	793	797	801	rBV	1784	3109	0.24%	0.039%
19	6.970	829	831	836	rVB	2622	3214	0.25%	0.040%
20	7.080	841	849	860	rBV2	41338	119815	9.21%	1.503%
21	7.641	933	941	951	rVB	222371	517378	39.75%	6.489%
22	7.781	960	964	966	rVB	1798	2232	0.17%	0.028%
23	7.927	985	988	989	rBV2	2134	2145	0.16%	0.027%
24	8.012	1000	1002	1005	rBV	2366	2381	0.18%	0.030%
25	8.122	1017	1020	1023	rBV	2362	3344	0.26%	0.042%
26	8.275	1031	1045	1060	rVV3	358954	1301494	100.00%	16.324%
27	8.403	1064	1066	1072	rVV4	3803	6141	0.47%	0.077%
28	8.500	1075	1082	1088	rVV2	17327	42869	3.29%	0.538%
29	8.549	1088	1090	1098	rVV5	7937	15066	1.16%	0.189%
30	8.683	1110	1112	1113	rBV	2449	2151	0.17%	0.027%
31	8.713	1113	1117	1124	rVB5	7541	15199	1.17%	0.191%
32	8.842	1127	1138	1151	rBV	399373	779051	59.86%	9.771%
33	9.037	1168	1170	1172	rVV2	2160	2236	0.17%	0.028%
34	9.177	1191	1193	1196	rVB	2771	2298	0.18%	0.029%

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 Title : VOC Analysis

35	9.274	1199	1209	1217	rVV	262314	539507	41.45%	6.767%
36	9.329	1217	1218	1219	rVV	7078	4084	0.31%	0.051%
37	9.366	1223	1224	1229	rVB2	2699	3672	0.28%	0.046%
38	9.415	1229	1232	1235	rBV2	1538	2791	0.21%	0.035%
39	9.463	1237	1240	1243	rVB	2187	2719	0.21%	0.034%
40	9.719	1278	1282	1283	rBV	2949	2540	0.20%	0.032%
41	9.829	1298	1300	1303	rBV3	1816	2609	0.20%	0.033%
42	9.878	1304	1308	1309	rBV3	3098	3998	0.31%	0.050%
43	10.036	1326	1334	1340	rBV2	48886	91345	7.02%	1.146%
44	10.134	1345	1350	1351	rBV4	2094	2824	0.22%	0.035%
45	10.244	1366	1368	1371	rVV3	3003	3521	0.27%	0.044%
46	10.323	1373	1381	1387	rVV	421704	734269	56.42%	9.210%
47	10.384	1387	1391	1398	rVB	26016	46824	3.60%	0.587%
48	10.488	1403	1408	1412	rBV7	6786	14381	1.10%	0.180%
49	10.579	1417	1423	1429	rVB	37693	63328	4.87%	0.794%
50	10.646	1429	1434	1438	rVB3	14730	25901	1.99%	0.325%
51	10.713	1438	1445	1447	rBV4	3172	6054	0.47%	0.076%
52	10.744	1447	1450	1452	rBV3	1943	2687	0.21%	0.034%
53	10.780	1452	1456	1457	rBV3	2979	3467	0.27%	0.043%
54	10.927	1474	1480	1489	rBV	138047	244671	18.80%	3.069%
55	11.073	1501	1504	1507	rVV4	3889	4118	0.32%	0.052%
56	11.103	1507	1509	1514	rVB4	2271	2928	0.22%	0.037%
57	11.250	1531	1533	1534	rBV	2628	2187	0.17%	0.027%
58	11.268	1534	1536	1537	rVV	2472	2183	0.17%	0.027%
59	11.536	1575	1580	1583	rBV5	5681	11810	0.91%	0.148%
60	11.628	1588	1595	1603	rVV	386053	677167	52.03%	8.494%
61	11.731	1608	1612	1618	rVB3	16751	30248	2.32%	0.379%
62	11.841	1626	1630	1636	rVB7	8335	17865	1.37%	0.224%
63	11.926	1641	1644	1647	rBV5	2404	3516	0.27%	0.044%
64	11.975	1647	1652	1655	rBV5	11624	17732	1.36%	0.222%
65	12.115	1670	1675	1682	rBV2	33651	54891	4.22%	0.688%
66	12.225	1689	1693	1695	rVB2	1816	2413	0.19%	0.030%
67	12.268	1697	1700	1703	rBV	2277	3171	0.24%	0.040%
68	12.463	1727	1732	1739	rBV2	32516	54479	4.19%	0.683%
69	12.609	1748	1756	1761	rBV2	13766	25121	1.93%	0.315%
70	12.695	1763	1770	1778	rVB	135676	230503	17.71%	2.891%
71	12.804	1784	1788	1794	rVB4	11210	20341	1.56%	0.255%

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 Title : VOC Analysis

72	12.877	1798	1800	1805	rVV3	3052	5294	0.41%	0.066%
73	12.926	1806	1808	1810	rVV2	2395	2277	0.17%	0.029%
74	12.944	1810	1811	1816	rVV3	3050	3150	0.24%	0.040%
75	13.024	1816	1824	1832	rVB3	18558	44849	3.45%	0.563%
76	13.091	1832	1835	1836	rBV2	3550	3833	0.29%	0.048%
77	13.127	1836	1841	1849	rVB4	19516	38423	2.95%	0.482%
78	13.201	1851	1853	1856	rVB3	2601	2748	0.21%	0.034%
79	13.377	1878	1882	1883	rBV2	3976	4511	0.35%	0.057%
80	13.560	1906	1912	1919	rBV	216779	340554	26.17%	4.272%
81	13.719	1934	1938	1941	rVV4	6808	11025	0.85%	0.138%
82	13.761	1941	1945	1950	rVV5	25274	42922	3.30%	0.538%
83	13.853	1954	1960	1967	rBV	162819	283476	21.78%	3.556%
84	14.024	1983	1988	1990	rVV5	3815	6102	0.47%	0.077%
85	14.078	1992	1997	2004	rVB4	15418	34663	2.66%	0.435%
86	14.213	2013	2019	2022	rBV6	6987	12257	0.94%	0.154%
87	14.316	2035	2036	2037	rBV	3313	2312	0.18%	0.029%
88	14.609	2081	2084	2085	rBV3	2038	2257	0.17%	0.028%
89	14.688	2094	2097	2100	rBV3	3001	4418	0.34%	0.055%
90	14.816	2113	2118	2123	rVB5	6222	12983	1.00%	0.163%
91	14.865	2123	2126	2131	rVB3	3719	6348	0.49%	0.080%
92	14.968	2136	2143	2150	rBV7	6504	19015	1.46%	0.239%
93	15.407	2211	2215	2216	rBV2	6470	6936	0.53%	0.087%
94	15.444	2219	2221	2225	rVV2	17569	23274	1.79%	0.292%
95	15.505	2225	2231	2237	rVV2	23348	48246	3.71%	0.605%
96	15.621	2248	2250	2254	rVB3	2519	2768	0.21%	0.035%
97	15.810	2278	2281	2285	rVB4	7425	9334	0.72%	0.117%
98	16.145	2334	2336	2338	rBV	2595	2117	0.16%	0.027%
99	16.273	2353	2357	2360	rBV	3039	3557	0.27%	0.045%
100	16.297	2360	2361	2364	rBV2	3086	2369	0.18%	0.030%

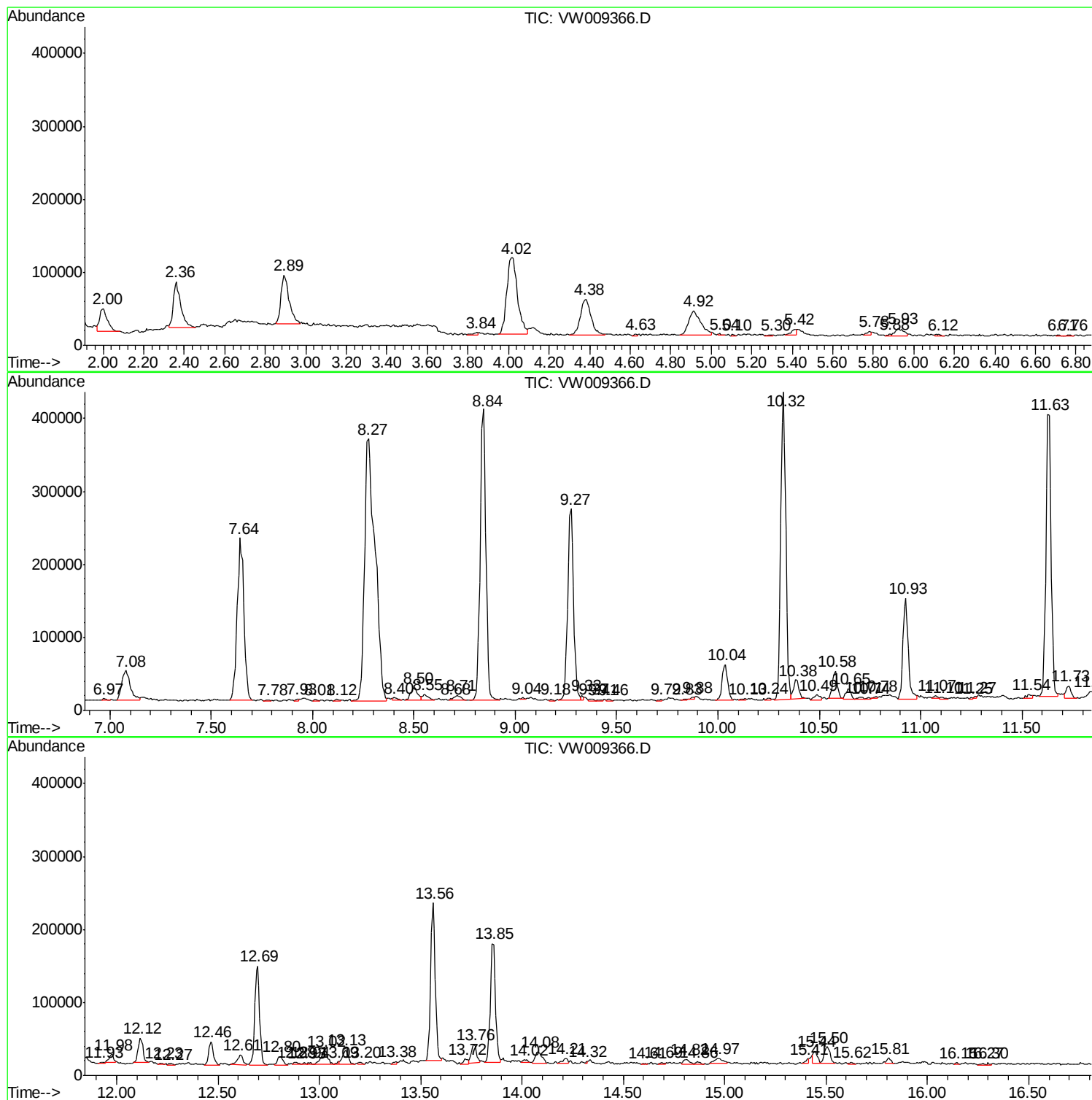
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



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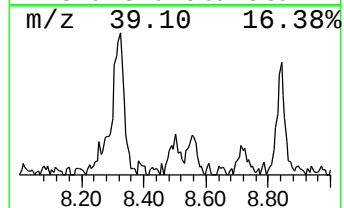
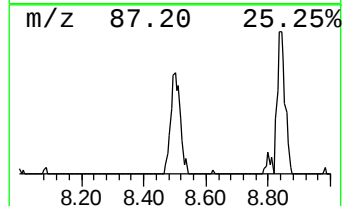
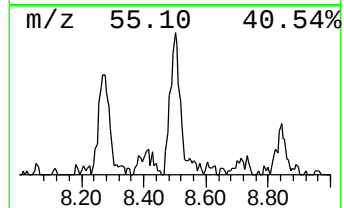
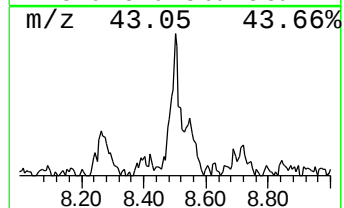
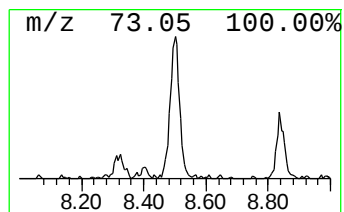
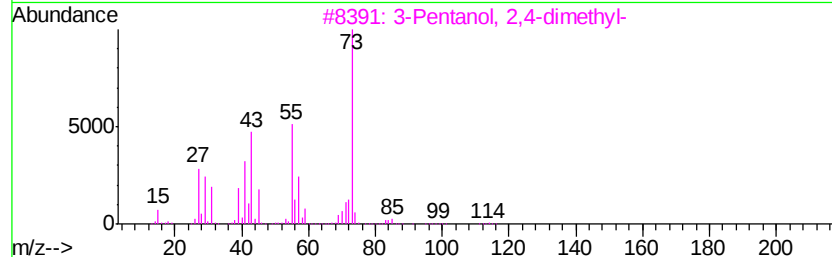
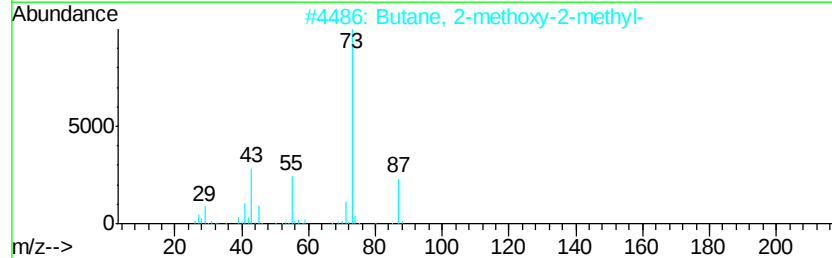
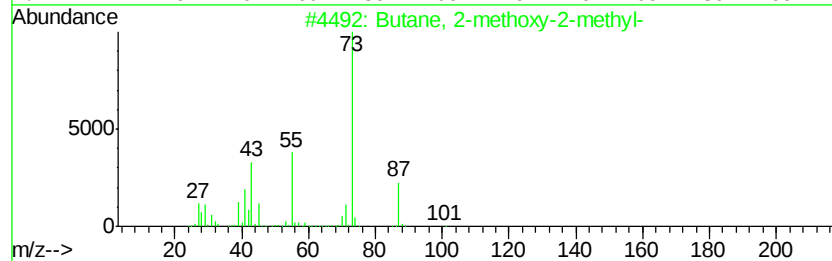
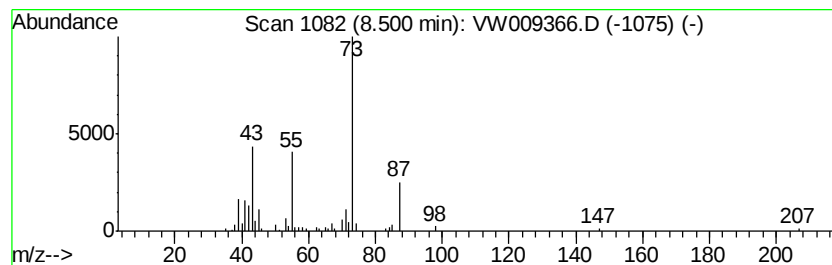
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	1.38 ug/L	42869	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	42
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
4			3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	001569-45-5	16
5			Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	14



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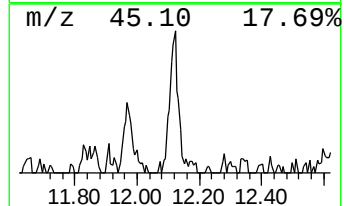
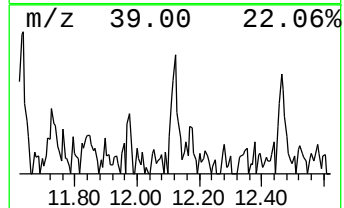
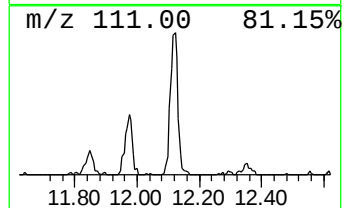
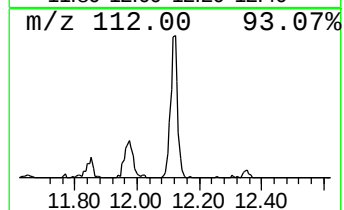
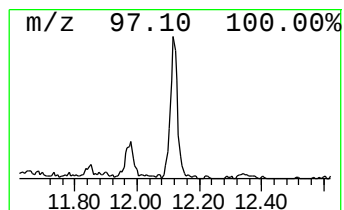
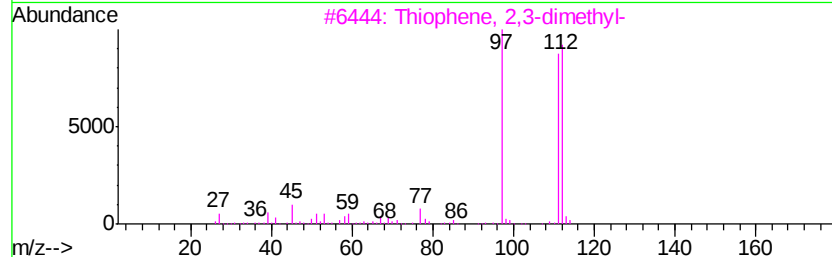
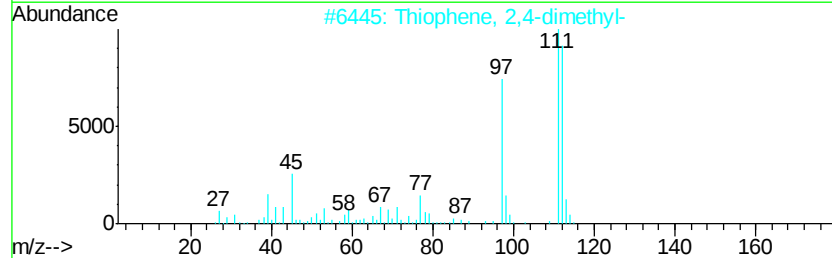
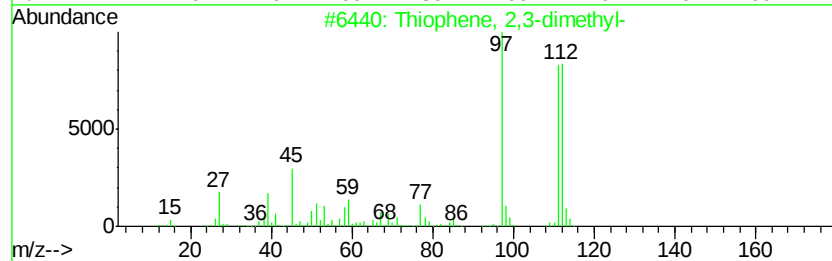
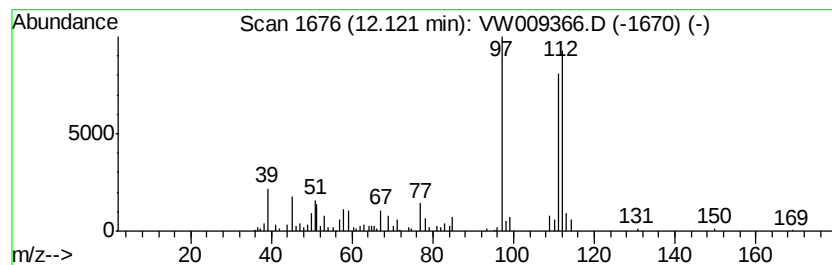
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Quant Title : VOC Analysis

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

Peak Number 4 Thiophene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	2.03 ug/L	54891	Chlorobenzene-d5	11.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	94
2			Thiophene, 2,4-dimethyl-	112	C6H8S	000638-00-6	90
3			Thiophene, 2,3-dimethyl-	112	C6H8S	000632-16-6	78
4			Thiophene, 2,5-dimethyl-	112	C6H8S	000638-02-8	74
5			Thiophene, 3,4-dimethyl-	112	C6H8S	000632-15-5	59



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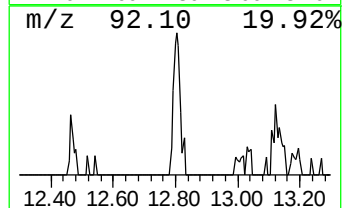
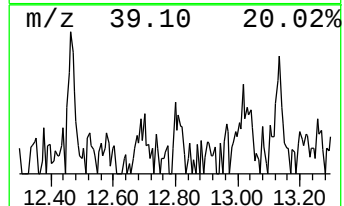
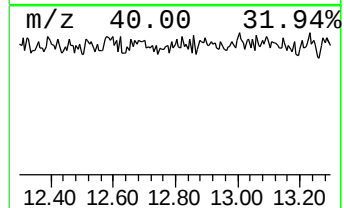
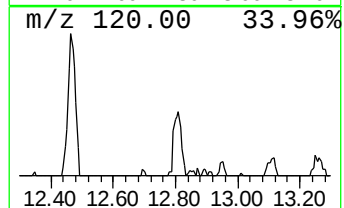
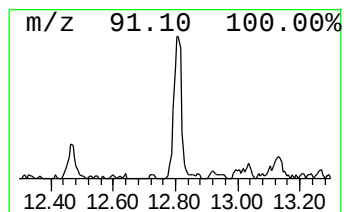
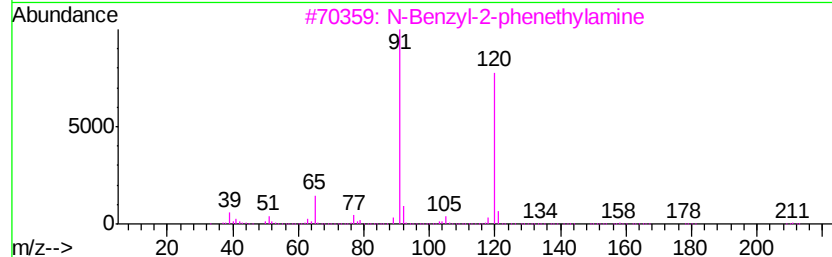
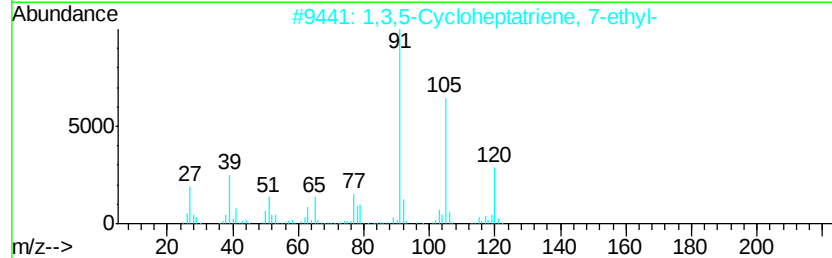
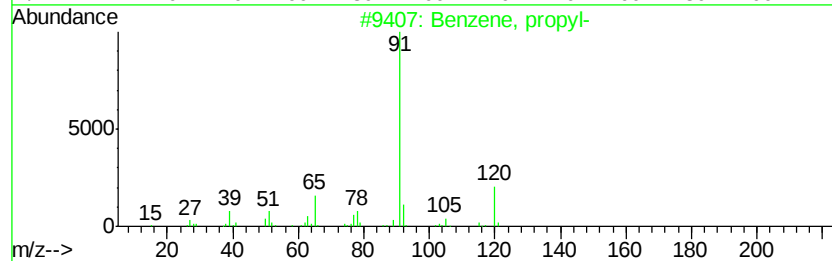
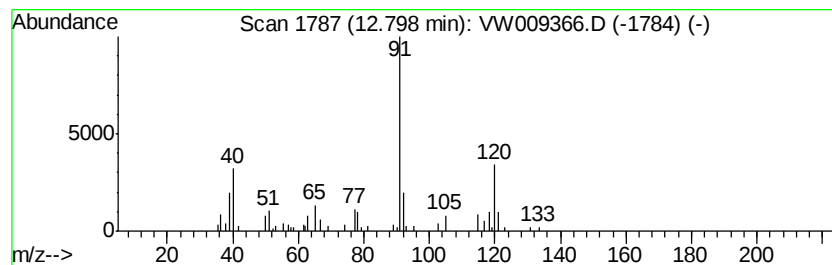
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Quant Title : VOC Analysis

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

Peak Number 6 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	1.49 ug/L	20341	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzene, propyl-	120 C9H12	000103-65-1 72
2		1,3,5-Cycloheptatriene, 7-ethyl-	120 C9H12	017634-51-4 64
3		N-Benzyl-2-phenethylamine	211 C15H17N	003647-71-0 59
4		N-Benzyl-2-phenethylamine	211 C15H17N	003647-71-0 53
5		Benzene, propyl-	120 C9H12	000103-65-1 53



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032219\
Data File : VW009366.D
Acq On : 23 Mar 2019 01:38
Operator : SY/VA
Sample : K2031-06
Misc : 2.77G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5W1

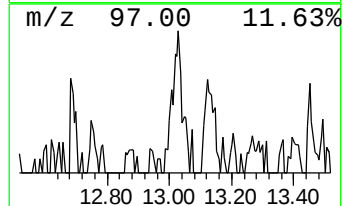
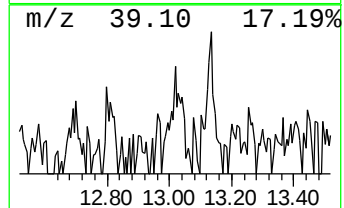
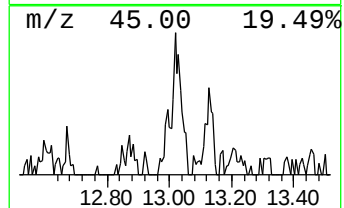
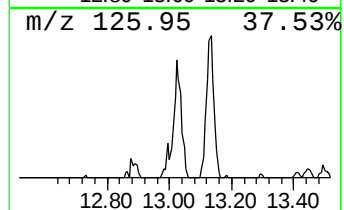
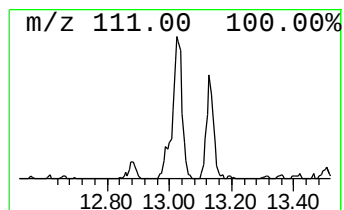
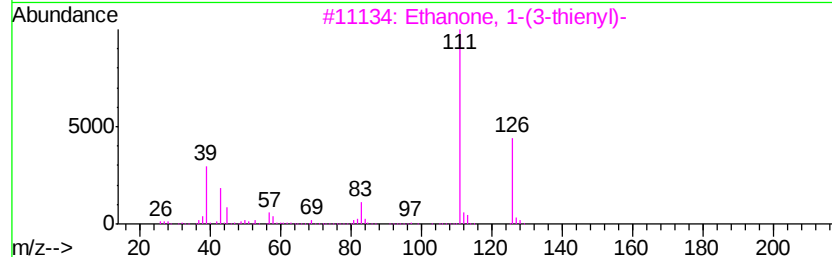
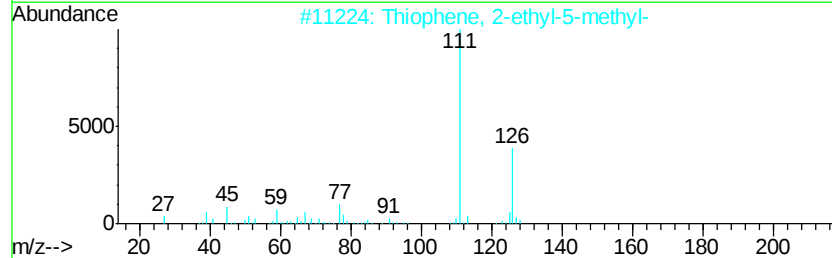
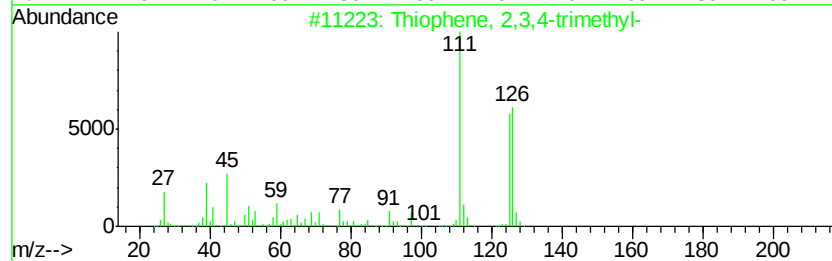
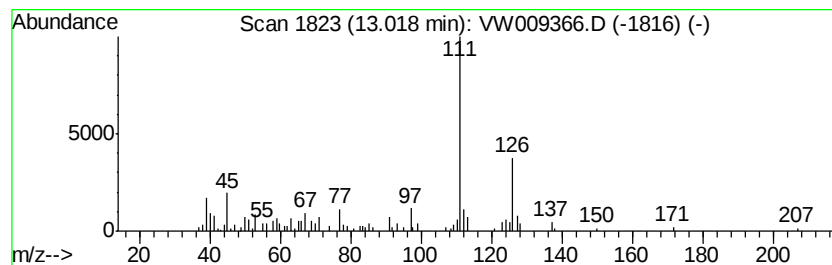
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Quant Title : VOC Analysis

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

Peak Number 7 Thiophene, 2,3,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	3.29 ug/L	44849	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiophene, 2,3,4-trimethyl-	126	C7H10S	001795-04-6	64
2		Thiophene, 2-ethyl-5-methyl-	126	C7H10S	040323-88-4	64
3		Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	64
4		Ethanone, 1-(3-thienyl)-	126	C6H6OS	001468-83-3	64
5		Ethanone, 1-(2-thienyl)-	126	C6H6OS	000088-15-3	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032219\
Data File : VW009366.D
Acq On : 23 Mar 2019 01:38
Operator : SY/VA
Sample : K2031-06
Misc : 2.77G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5W1

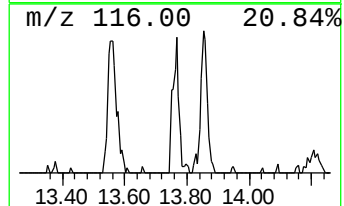
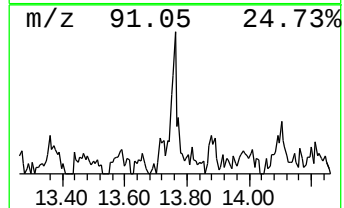
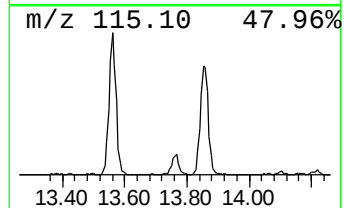
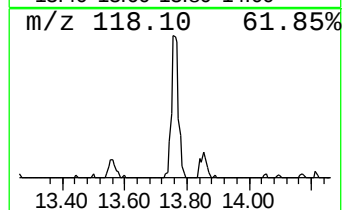
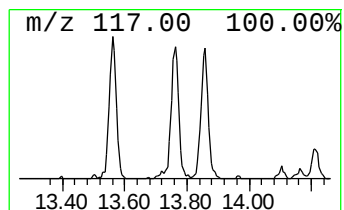
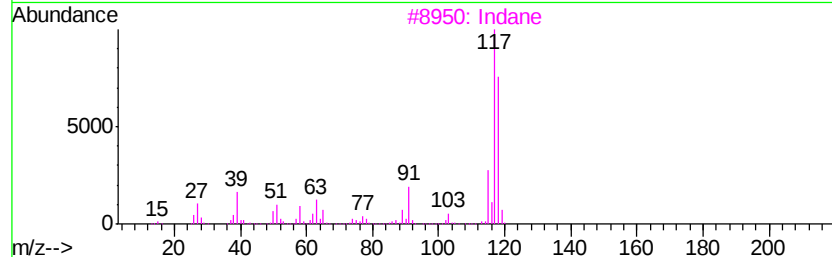
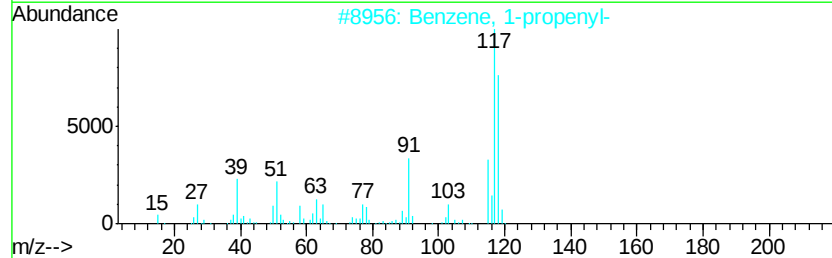
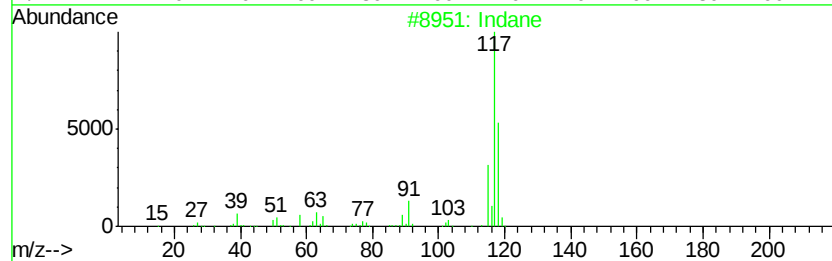
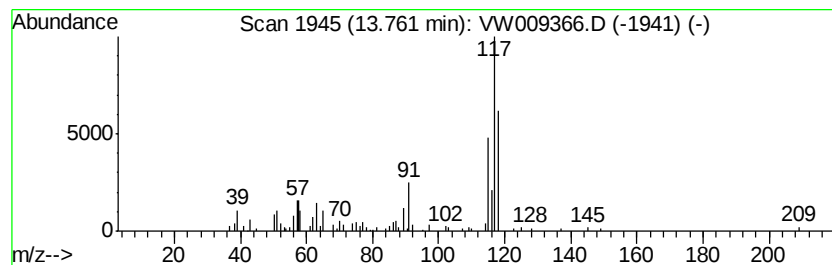
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Quant Title : VOC Analysis

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

Peak Number 9 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.15 ug/L	42922	1,4-Dichlorobenzene-d4	13.56

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	70
2	Benzene, 1-propenyl-		118	C9H10	000637-50-3	62
3	Indane		118	C9H10	000496-11-7	58
4	Benzene, 2-propenyl-		118	C9H10	000300-57-2	58
5	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	58



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032219\
Data File : VW009366.D
Acq On : 23 Mar 2019 01:38
Operator : SY/VA
Sample : K2031-06
Misc : 2.77G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5W1

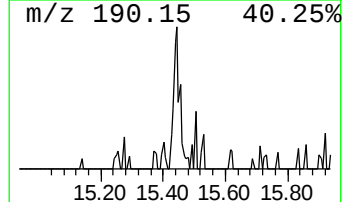
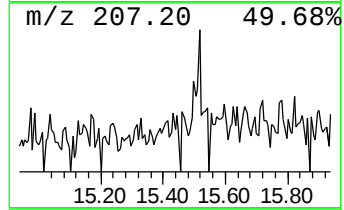
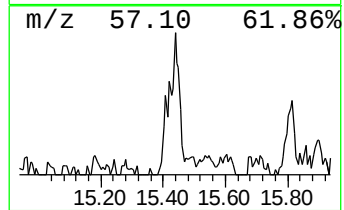
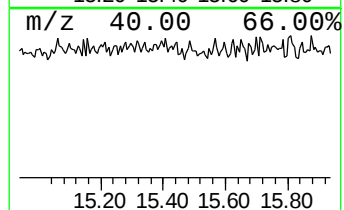
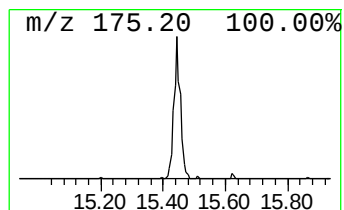
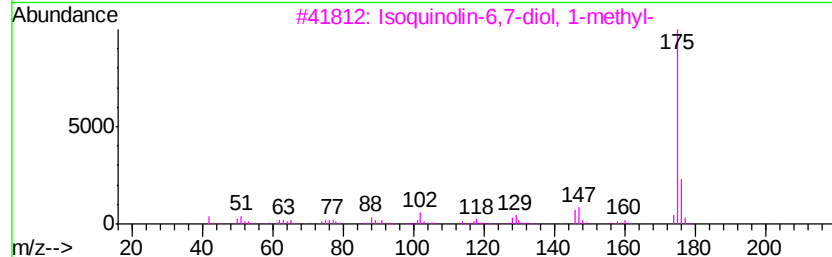
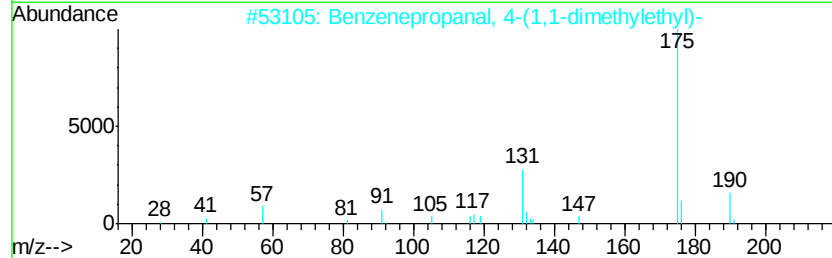
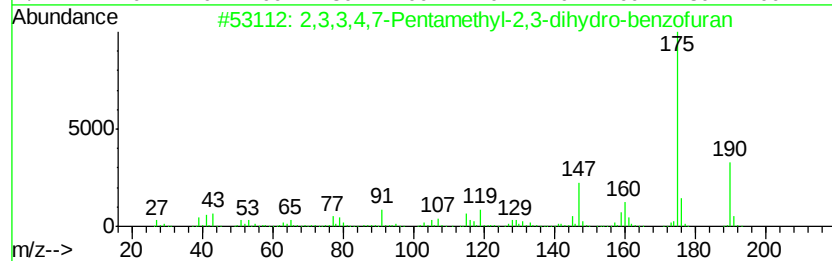
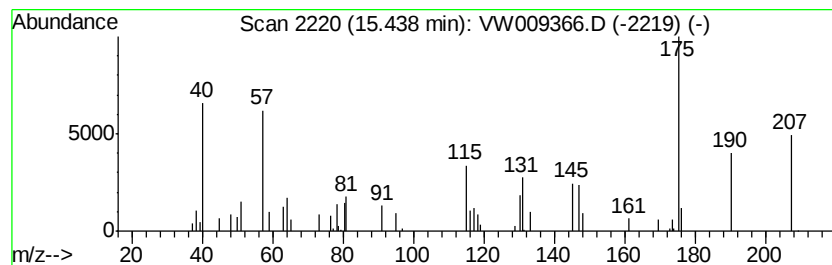
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

Peak Number 12 2,3,3,4,7-Pentamethyl-2,3-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.71 ug/L	23274	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,3,3,4,7-Pentamethyl-2,3-dihydr...	190	C13H18O	1000189-42-9	53
2		Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	50
3		Isoquinolin-6,7-diol, 1-methyl-	175	C10H9NO2	123438-49-3	50
4		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	50
5		Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	50



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
Data File : VW009366.D
Acq On : 23 Mar 2019 01:38
Operator : SY/VA
Sample : K2031-06
Misc : 2.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF5W1

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
Butane, 2-methoxy...	8.50	1.4	ug/L	42869	1	8.84	779051	25.0
Thiophene, 2,3-di...	12.12	2.0	ug/L	54891	2	11.63	677167	25.0
Benzene, propyl-	12.80	1.5	ug/L	20341	3	13.56	340554	25.0
Thiophene, 2,3,4-...	13.02	3.3	ug/L	44849	3	13.56	340554	25.0
Indane	13.76	3.1	ug/L	42922	3	13.56	340554	25.0
2,3,3,4,7-Pentame...	15.44	1.7	ug/L	23274	3	13.56	340554	25.0