

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052418\
 Data File : VW002845.D
 Acq On : 24 May 2018 14:28
 Operator : JC/SY
 Sample : J3030-05
 Misc : 7.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.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	1.800	27	35	53	rVB	783118	1915457	100.00%	17.889%
2	1.959	58	61	62	rBV2	2314	2490	0.13%	0.023%
3	2.148	90	92	93	rBV2	950	819	0.04%	0.008%
4	2.343	118	124	138	rBV	68974	141705	7.40%	1.323%
5	2.489	145	148	155	rVB2	6321	11369	0.59%	0.106%
6	2.885	206	213	228	rVB	45288	129065	6.74%	1.205%
7	4.001	386	396	410	rBV3	77057	297813	15.55%	2.781%
8	4.361	453	455	457	rBV3	883	944	0.05%	0.009%
9	4.477	470	474	478	rVB4	626	1007	0.05%	0.009%
10	4.678	498	507	515	rVB2	4526	12872	0.67%	0.120%
11	4.915	537	546	549	rBV4	2270	5987	0.31%	0.056%
12	5.019	559	563	566	rVB3	850	1070	0.06%	0.010%
13	5.409	624	627	632	rVB5	781	1402	0.07%	0.013%
14	5.592	654	657	661	rVB4	517	778	0.04%	0.007%
15	5.678	665	671	674	rBV4	686	1424	0.07%	0.013%
16	5.714	674	677	678	rBV	657	753	0.04%	0.007%
17	5.787	681	689	692	rBV7	1663	3071	0.16%	0.029%
18	5.921	704	711	720	rVB6	2893	7809	0.41%	0.073%
19	6.092	736	739	740	rBV	1211	1090	0.06%	0.010%
20	6.269	766	768	773	rVB4	816	1155	0.06%	0.011%
21	6.525	807	810	815	rBV3	545	945	0.05%	0.009%
22	6.604	817	823	826	rVB7	696	1354	0.07%	0.013%
23	6.897	864	871	880	rBV3	5837	16600	0.87%	0.155%
24	7.086	893	902	912	rBV	43392	129278	6.75%	1.207%
25	7.647	983	994	1004	rBV	176073	428395	22.37%	4.001%
26	7.744	1007	1010	1012	rVB4	769	841	0.04%	0.008%
27	7.933	1037	1041	1042	rBV3	647	871	0.05%	0.008%
28	8.153	1075	1077	1083	rVB5	588	744	0.04%	0.007%
29	8.275	1086	1097	1112	rBV2	315286	989768	51.67%	9.243%
30	8.403	1116	1118	1123	rVB5	712	949	0.05%	0.009%
31	8.494	1127	1133	1137	rBV7	507	1078	0.06%	0.010%
32	8.561	1137	1144	1152	rVB6	5488	11335	0.59%	0.106%
33	8.714	1160	1169	1179	rVB8	2968	10613	0.55%	0.099%
34	8.848	1179	1191	1203	rBV	349291	680880	35.55%	6.359%

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 Title : VOC Analysis

35	8.964	1208	1210	1214	rVB4	847	958	0.05%	0.009%
36	9.049	1219	1224	1232	rVB4	5546	11269	0.59%	0.105%
37	9.281	1252	1262	1270	rBV	244823	495299	25.86%	4.626%
38	9.415	1278	1284	1295	rVB2	31376	59443	3.10%	0.555%
39	9.652	1319	1323	1326	rBV5	863	1526	0.08%	0.014%
40	10.037	1376	1386	1396	rBV	108474	202160	10.55%	1.888%
41	10.329	1424	1434	1441	rBV	456048	800092	41.77%	7.472%
42	10.390	1441	1444	1451	rVB	7048	11349	0.59%	0.106%
43	10.512	1458	1464	1468	rBV6	1285	2575	0.13%	0.024%
44	10.585	1468	1476	1482	rBV	80055	138485	7.23%	1.293%
45	10.713	1489	1497	1503	rBV	13635	26569	1.39%	0.248%
46	10.933	1525	1533	1546	rBV2	205798	356782	18.63%	3.332%
47	11.079	1550	1557	1567	rBV	368424	584999	30.54%	5.463%
48	11.427	1611	1614	1616	rBV2	963	1078	0.06%	0.010%
49	11.573	1634	1638	1641	rVV4	1467	1908	0.10%	0.018%
50	11.640	1641	1649	1659	rVV	502796	859280	44.86%	8.025%
51	11.737	1661	1665	1672	rVB2	3924	7254	0.38%	0.068%
52	11.847	1672	1683	1688	rBV8	7720	18277	0.95%	0.171%
53	11.945	1697	1699	1700	rBV2	1953	1848	0.10%	0.017%
54	12.170	1732	1736	1739	rVB5	1183	1490	0.08%	0.014%
55	12.250	1743	1749	1755	rVB7	1534	3246	0.17%	0.030%
56	12.347	1759	1765	1771	rBV3	33693	54937	2.87%	0.513%
57	12.548	1796	1798	1800	rBV2	868	955	0.05%	0.009%
58	12.621	1804	1810	1816	rVV	28874	50171	2.62%	0.469%
59	12.701	1816	1823	1831	rVV	258040	421681	22.01%	3.938%
60	12.817	1841	1842	1846	rVB4	778	872	0.05%	0.008%
61	12.945	1853	1863	1867	rBV8	3198	6997	0.37%	0.065%
62	13.054	1875	1881	1885	rBV	6163	10003	0.52%	0.093%
63	13.103	1885	1889	1894	rVB3	2832	5265	0.27%	0.049%
64	13.152	1894	1897	1898	rBV2	1386	1438	0.08%	0.013%
65	13.170	1898	1900	1904	rVB4	2182	2549	0.13%	0.024%
66	13.286	1912	1919	1926	rVB9	3682	8366	0.44%	0.078%
67	13.371	1930	1933	1934	rBV2	709	747	0.04%	0.007%
68	13.408	1934	1939	1946	rBV2	16773	25018	1.31%	0.234%
69	13.566	1958	1965	1974	rBV	487913	783471	40.90%	7.317%
70	13.658	1976	1980	1986	rVB3	6117	8857	0.46%	0.083%
71	13.768	1996	1998	2002	rBV4	910	1368	0.07%	0.013%

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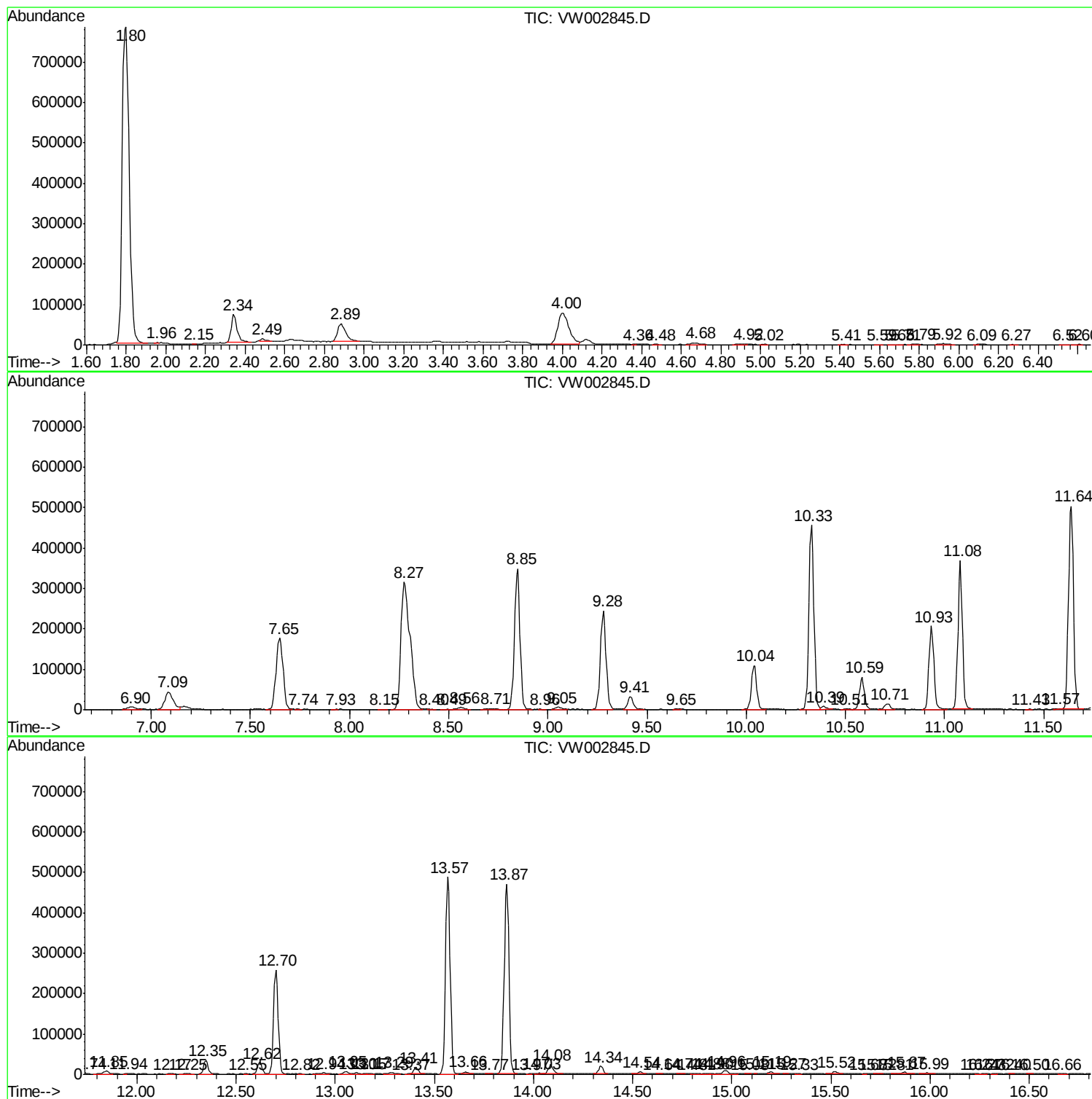
72	13.865	2006	2014	2022	rBV	469749	769879	40.19%	7.190%
73	13.975	2030	2032	2035	rBV3	682	908	0.05%	0.008%
74	14.030	2037	2041	2044	rVV5	2896	4219	0.22%	0.039%
75	14.085	2044	2050	2060	rVB3	23198	41772	2.18%	0.390%
76	14.341	2086	2092	2097	rBV2	18725	29172	1.52%	0.272%
77	14.536	2117	2124	2129	rBV3	5623	9355	0.49%	0.087%
78	14.639	2137	2141	2143	rBV4	929	1202	0.06%	0.011%
79	14.743	2154	2158	2161	rBV3	1554	1766	0.09%	0.016%
80	14.810	2166	2169	2175	rVB5	906	1278	0.07%	0.012%
81	14.883	2175	2181	2182	rBV5	1308	2183	0.11%	0.020%
82	14.902	2182	2184	2186	rVB2	1797	1460	0.08%	0.014%
83	14.962	2186	2194	2205	rBV9	7707	18050	0.94%	0.169%
84	15.078	2211	2213	2216	rVB4	700	791	0.04%	0.007%
85	15.115	2218	2219	2221	rVV2	972	978	0.05%	0.009%
86	15.194	2229	2232	2239	rVB3	5290	7432	0.39%	0.069%
87	15.267	2242	2244	2247	rVB4	1316	1276	0.07%	0.012%
88	15.328	2252	2254	2258	rVB3	1157	1296	0.07%	0.012%
89	15.517	2278	2285	2292	rBV2	5068	10407	0.54%	0.097%
90	15.676	2308	2311	2312	rBV3	602	763	0.04%	0.007%
91	15.725	2317	2319	2325	rBV7	819	1516	0.08%	0.014%
92	15.810	2332	2333	2337	rBV3	631	792	0.04%	0.007%
93	15.871	2338	2343	2351	rVB7	4849	8838	0.46%	0.083%
94	15.987	2355	2362	2368	rBV9	2544	5982	0.31%	0.056%
95	16.237	2401	2403	2406	rVB3	831	809	0.04%	0.008%
96	16.267	2406	2408	2411	rBV	659	771	0.04%	0.007%
97	16.316	2414	2416	2420	rBV4	658	1175	0.06%	0.011%
98	16.401	2429	2430	2434	rBV4	670	786	0.04%	0.007%
99	16.499	2444	2446	2449	rVB3	784	800	0.04%	0.007%
100	16.657	2470	2472	2478	rVB7	1117	1753	0.09%	0.016%

Sum of corrected areas: 10707722

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



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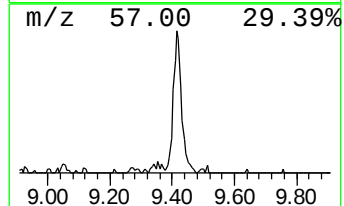
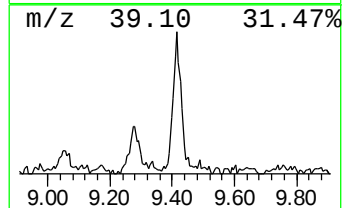
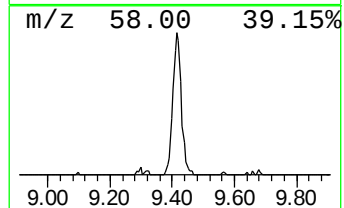
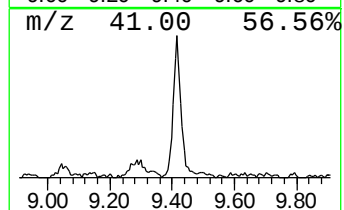
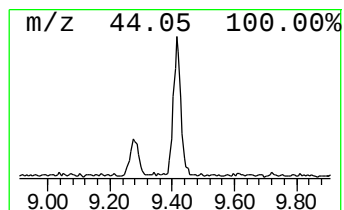
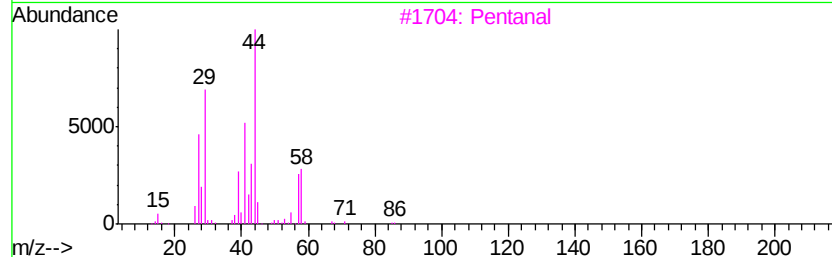
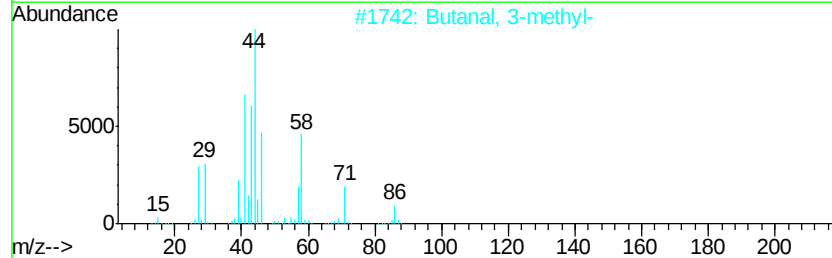
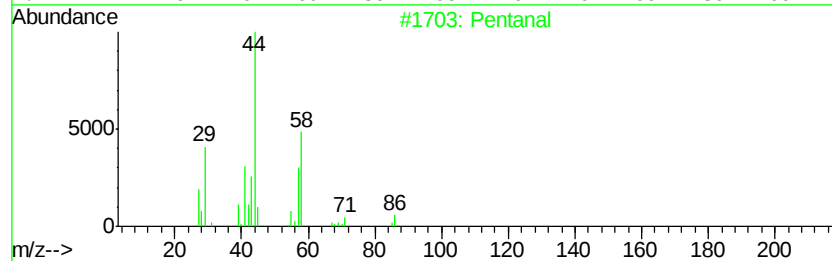
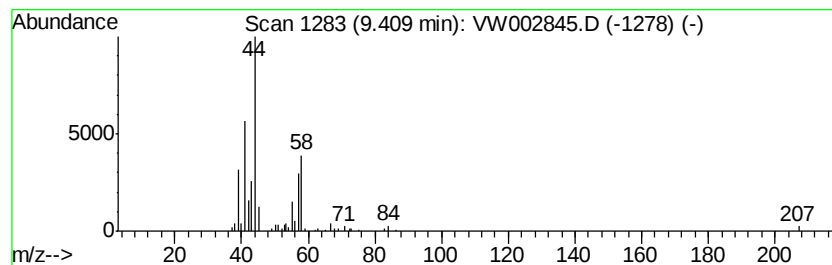
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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

Peak Number 2 Pentanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	2.18 ug/L	59443	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	78
2		Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
3		Pentanal	86	C5H10O	000110-62-3	50
4		Cyclopropyl carbinol	72	C4H8O	002516-33-8	40
5		Cyclopropyl carbinol	72	C4H8O	002516-33-8	36



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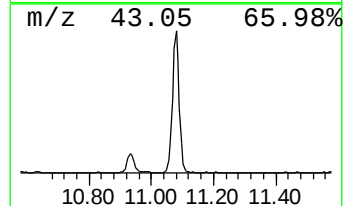
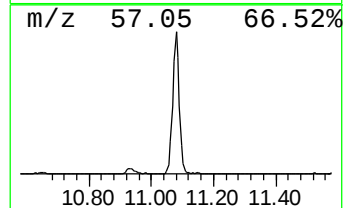
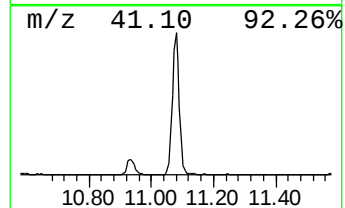
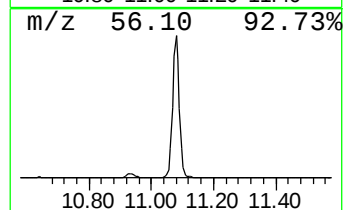
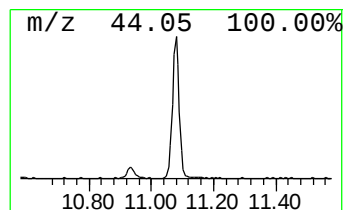
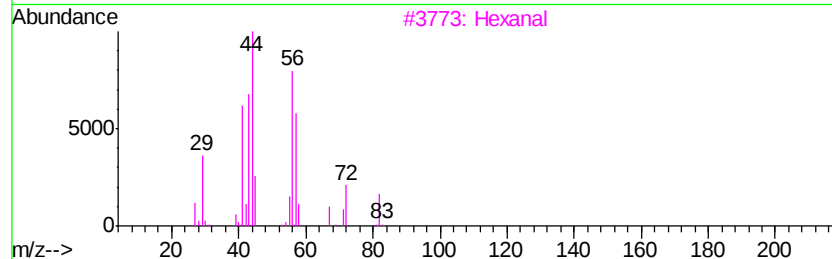
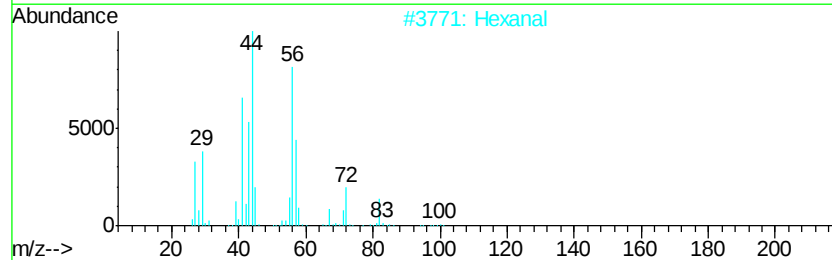
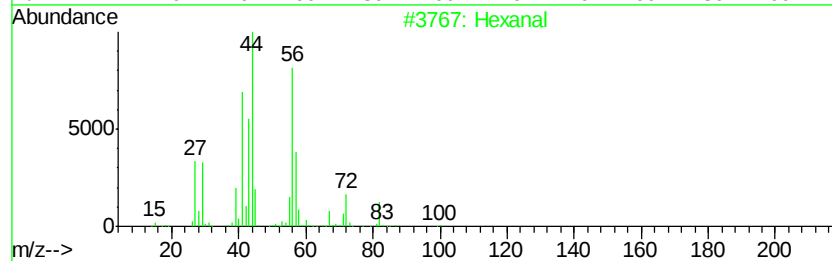
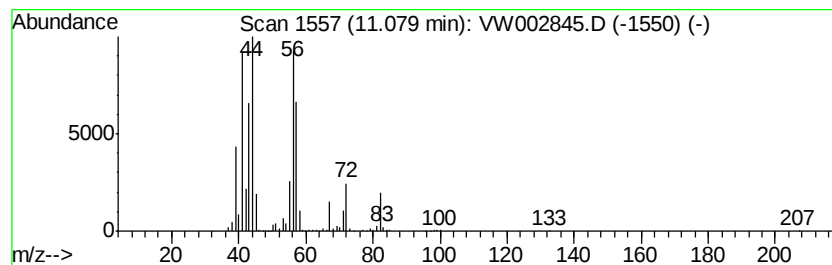
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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

Peak Number 4 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	17.02 ug/L	584999	Chlorobenzene-d5	11.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	74
2		Hexanal	100	C6H12O	000066-25-1	64
3		Hexanal	100	C6H12O	000066-25-1	59
4		Hexanal	100	C6H12O	000066-25-1	58
5		Butanal	72	C4H8O	000123-72-8	38



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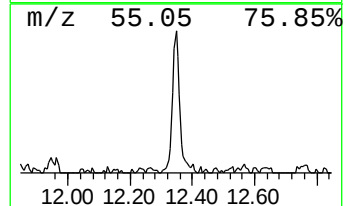
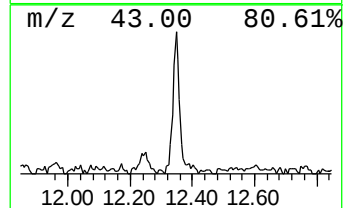
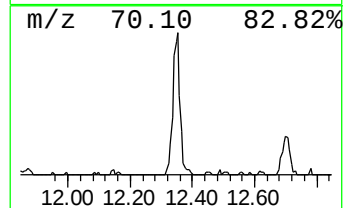
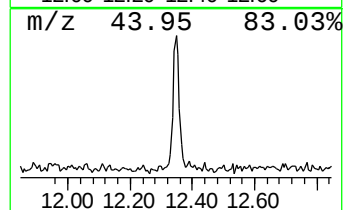
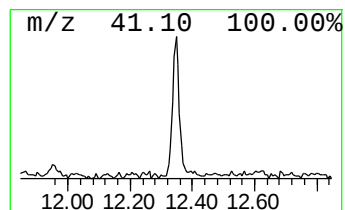
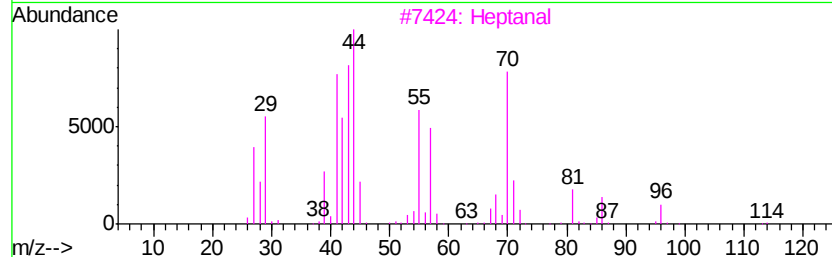
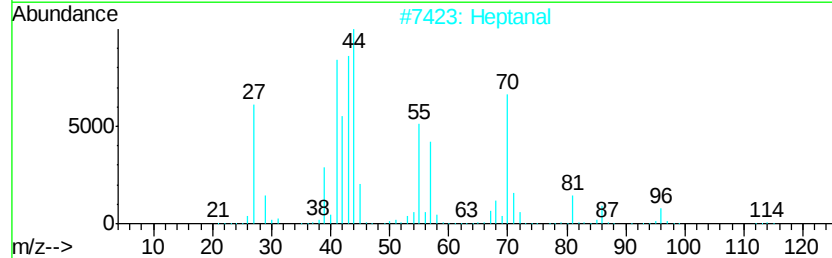
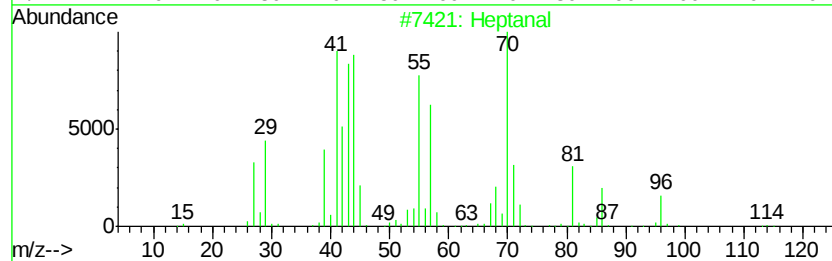
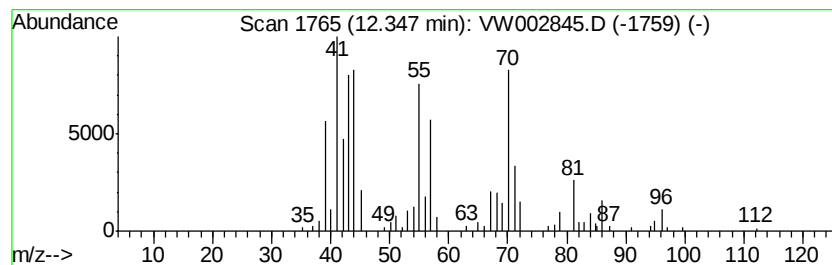
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Heptanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	1.60 ug/L	54937	Chlorobenzene-d5	11.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanal		114	C7H14O	000111-71-7	86
2	Heptanal		114	C7H14O	000111-71-7	78
3	Heptanal		114	C7H14O	000111-71-7	72
4	Heptanal		114	C7H14O	000111-71-7	72
5	Heptanal		114	C7H14O	000111-71-7	64



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentanal	9.41	2.2	ug/L	59443	1	8.85	680880	25.0
Hexanal	11.08	17.0	ug/L	584999	2	11.64	859280	25.0
Heptanal	12.35	1.6	ug/L	54937	2	11.64	859280	25.0