

Data Path : W:\HPCHEM1\MSVOA W\DATA\VW052418\
 Data File : VW002844.D
 Acq On : 24 May 2018 14:01
 Operator : JC/SY
 Sample : J3030-04
 Misc : 7.64G/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	1.795	17	34	53	rBV	1760775	4087434	100.00%	33.763%
2	2.172	89	96	99	rBV4	3098	6418	0.16%	0.053%
3	2.343	118	124	136	rBV	60953	133390	3.26%	1.102%
4	2.477	144	146	147	rBV2	3310	2608	0.06%	0.022%
5	2.886	206	213	228	rVB	44283	129005	3.16%	1.066%
6	4.001	384	396	409	rBV2	74668	283157	6.93%	2.339%
7	4.239	433	435	438	rBV4	843	786	0.02%	0.006%
8	4.398	458	461	464	rBV5	707	925	0.02%	0.008%
9	4.514	477	480	482	rVB3	615	653	0.02%	0.005%
10	4.666	499	505	508	rBV4	1794	3461	0.08%	0.029%
11	4.922	533	547	555	rBV10	2560	10740	0.26%	0.089%
12	5.398	622	625	626	rBV2	665	787	0.02%	0.007%
13	5.782	686	688	690	rBV3	665	659	0.02%	0.005%
14	5.806	690	692	695	rVB4	894	817	0.02%	0.007%
15	5.867	700	702	704	rBV2	650	824	0.02%	0.007%
16	5.910	704	709	710	rBV3	2016	2682	0.07%	0.022%
17	6.093	736	739	741	rVV3	1132	1346	0.03%	0.011%
18	6.117	741	743	745	rVV2	1189	1320	0.03%	0.011%
19	6.367	781	784	786	rBV2	499	688	0.02%	0.006%
20	6.428	792	794	797	rBV2	902	1030	0.03%	0.009%
21	6.623	824	826	829	rVB3	726	703	0.02%	0.006%
22	6.903	860	872	878	rBV6	4514	13693	0.34%	0.113%
23	6.964	880	882	886	rVB4	569	677	0.02%	0.006%
24	7.092	893	903	911	rBV2	35875	105844	2.59%	0.874%
25	7.525	967	974	975	rBV4	564	1026	0.03%	0.008%
26	7.647	983	994	1005	rBV	164023	398749	9.76%	3.294%
27	7.921	1035	1039	1041	rBV2	694	930	0.02%	0.008%
28	8.153	1074	1077	1079	rBV3	649	781	0.02%	0.006%
29	8.275	1087	1097	1112	rBV2	290998	904175	22.12%	7.469%
30	8.421	1119	1121	1124	rVB3	1092	1111	0.03%	0.009%
31	8.555	1138	1143	1151	rVB6	3150	7706	0.19%	0.064%
32	8.677	1158	1163	1164	rBV4	699	952	0.02%	0.008%
33	8.708	1164	1168	1177	rVB7	2425	5799	0.14%	0.048%
34	8.848	1182	1191	1202	rVV	339276	670984	16.42%	5.542%

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 Title : VOC Analysis

35	9.049	1218	1224	1231	rBV3	4747	9737	0.24%	0.080%
36	9.281	1252	1262	1277	rBV	223956	458125	11.21%	3.784%
37	9.415	1277	1284	1295	rVV3	21451	43085	1.05%	0.356%
38	9.500	1296	1298	1301	rVV2	480	650	0.02%	0.005%
39	9.537	1303	1304	1308	rVB3	632	722	0.02%	0.006%
40	9.659	1321	1324	1325	rVV3	672	688	0.02%	0.006%
41	9.671	1325	1326	1329	rVB3	1054	714	0.02%	0.006%
42	9.964	1370	1374	1378	rVB4	731	1315	0.03%	0.011%
43	10.043	1378	1387	1395	rBV	99655	185578	4.54%	1.533%
44	10.128	1398	1401	1404	rBV5	1244	1724	0.04%	0.014%
45	10.330	1425	1434	1441	rBV	415797	730441	17.87%	6.034%
46	10.391	1441	1444	1451	rVV	9314	16730	0.41%	0.138%
47	10.500	1457	1462	1468	rBV8	2598	5405	0.13%	0.045%
48	10.586	1469	1476	1483	rVV	72364	126303	3.09%	1.043%
49	10.634	1483	1484	1489	rVV5	2054	2819	0.07%	0.023%
50	10.671	1489	1490	1492	rVV2	1087	1006	0.02%	0.008%
51	10.714	1492	1497	1509	rVB2	13330	26719	0.65%	0.221%
52	10.878	1518	1524	1526	rBV2	563	864	0.02%	0.007%
53	10.933	1526	1533	1544	rVV	173459	294768	7.21%	2.435%
54	11.079	1550	1557	1568	rBV	254379	411427	10.07%	3.398%
55	11.256	1583	1586	1589	rVB3	918	920	0.02%	0.008%
56	11.287	1589	1591	1594	rVB3	715	662	0.02%	0.005%
57	11.421	1611	1613	1617	rVB2	1214	1405	0.03%	0.012%
58	11.506	1626	1627	1631	rVB3	518	649	0.02%	0.005%
59	11.640	1640	1649	1657	rVV	493372	849586	20.79%	7.018%
60	11.738	1660	1665	1671	rVB3	4862	8925	0.22%	0.074%
61	11.811	1674	1677	1678	rBV2	805	725	0.02%	0.006%
62	11.841	1678	1682	1689	rVB4	4743	8038	0.20%	0.066%
63	11.951	1695	1700	1708	rBV7	2100	4735	0.12%	0.039%
64	12.030	1710	1713	1715	rVB3	940	930	0.02%	0.008%
65	12.171	1735	1736	1742	rVB4	1379	1583	0.04%	0.013%
66	12.244	1744	1748	1757	rVB5	1173	2769	0.07%	0.023%
67	12.347	1757	1765	1771	rBV2	24732	39811	0.97%	0.329%
68	12.622	1802	1810	1815	rBV	35533	59036	1.44%	0.488%
69	12.701	1815	1823	1830	rVV	225640	368666	9.02%	3.045%
70	12.884	1850	1853	1856	rVV3	576	744	0.02%	0.006%
71	12.945	1856	1863	1867	rVV8	3329	6514	0.16%	0.054%

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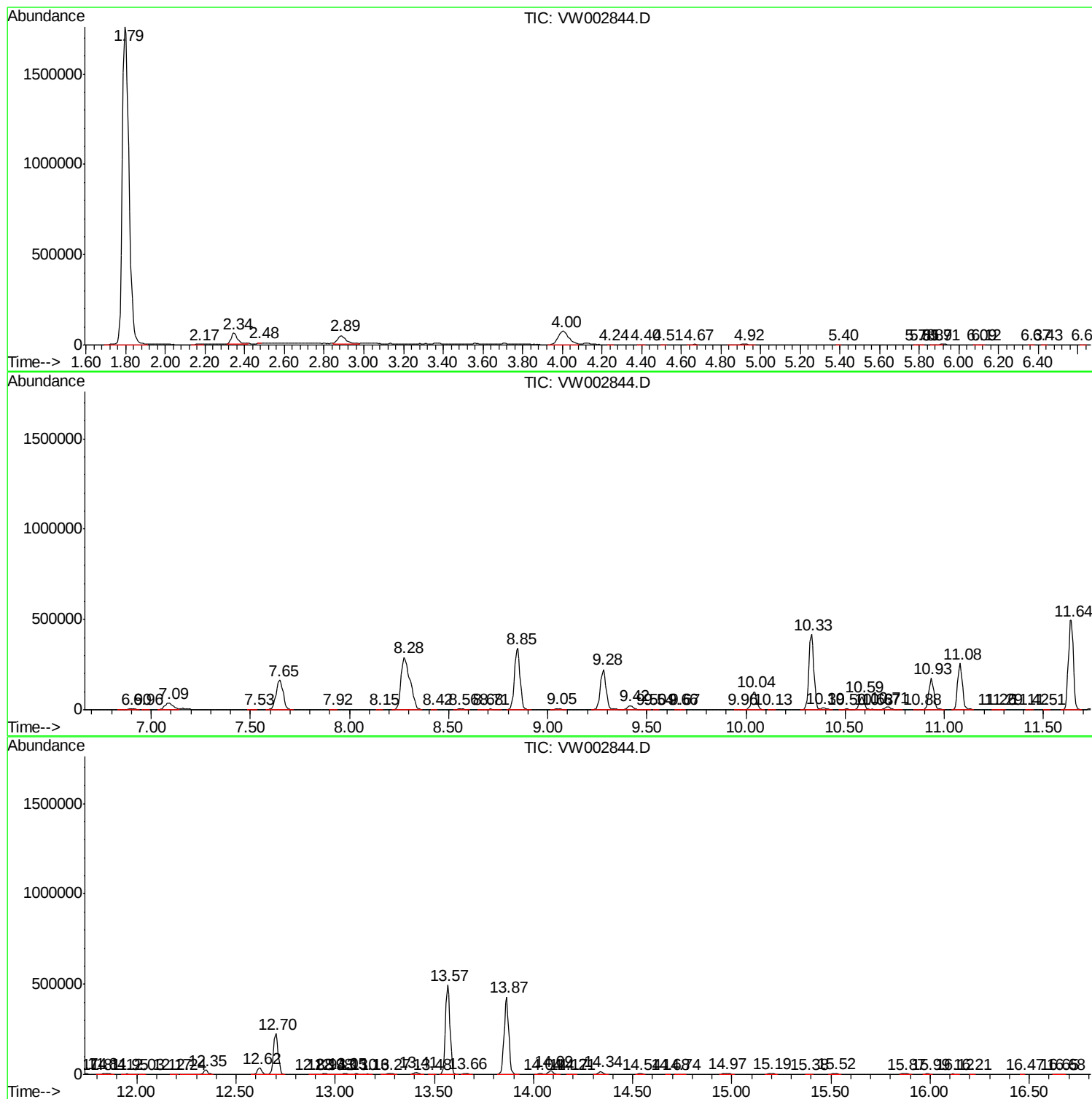
72	12.982	1867	1869	1876	rVB4	596	1033	0.03%	0.009%
73	13.055	1876	1881	1885	rBV3	4677	7589	0.19%	0.063%
74	13.103	1885	1889	1895	rVB6	2958	4195	0.10%	0.035%
75	13.164	1895	1899	1903	rBV4	2053	2699	0.07%	0.022%
76	13.274	1910	1917	1923	rVV10	2432	6600	0.16%	0.055%
77	13.408	1934	1939	1945	rVV2	10613	17421	0.43%	0.144%
78	13.481	1949	1951	1955	rVB3	945	902	0.02%	0.007%
79	13.567	1958	1965	1974	rVV	492854	785282	19.21%	6.487%
80	13.658	1976	1980	1985	rVV3	4397	6846	0.17%	0.057%
81	13.866	2006	2014	2024	rBV	429157	703964	17.22%	5.815%
82	14.036	2037	2042	2044	rBV6	1925	2870	0.07%	0.024%
83	14.091	2045	2051	2058	rVB	18713	32430	0.79%	0.268%
84	14.170	2063	2064	2067	rVB3	927	689	0.02%	0.006%
85	14.207	2067	2070	2072	rBV4	844	1190	0.03%	0.010%
86	14.341	2086	2092	2098	rVB2	15137	24900	0.61%	0.206%
87	14.536	2120	2124	2128	rVV4	3758	5482	0.13%	0.045%
88	14.682	2145	2148	2149	rBV3	820	1017	0.02%	0.008%
89	14.737	2153	2157	2162	rVB5	1503	2672	0.07%	0.022%
90	14.969	2190	2195	2202	rVB6	4956	8148	0.20%	0.067%
91	15.195	2228	2232	2238	rBV6	5140	8634	0.21%	0.071%
92	15.384	2261	2263	2267	rBV4	1031	1646	0.04%	0.014%
93	15.518	2280	2285	2290	rVV2	4770	8486	0.21%	0.070%
94	15.871	2339	2343	2349	rVB6	3639	6303	0.15%	0.052%
95	15.993	2358	2363	2366	rVB6	1837	2800	0.07%	0.023%
96	16.115	2381	2383	2388	rVB5	1523	1716	0.04%	0.014%
97	16.207	2397	2398	2401	rBV2	745	800	0.02%	0.007%
98	16.469	2438	2441	2442	rBV2	787	700	0.02%	0.006%
99	16.645	2465	2470	2472	rBV5	1238	2035	0.05%	0.017%
100	16.676	2472	2475	2476	rVB3	1091	886	0.02%	0.007%

Sum of corrected areas: 12106313

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



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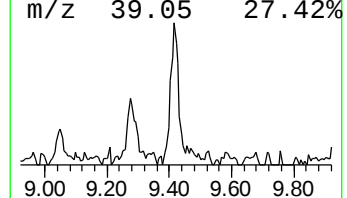
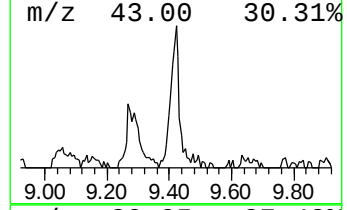
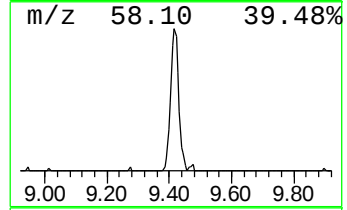
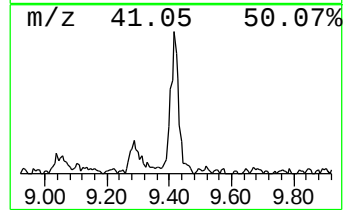
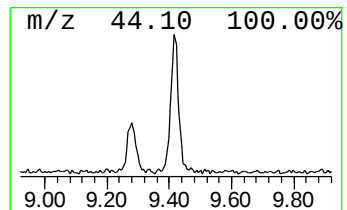
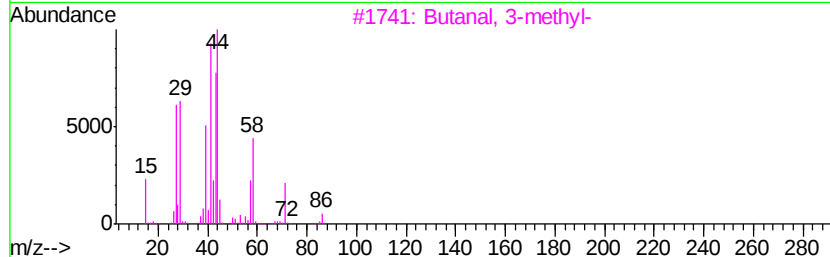
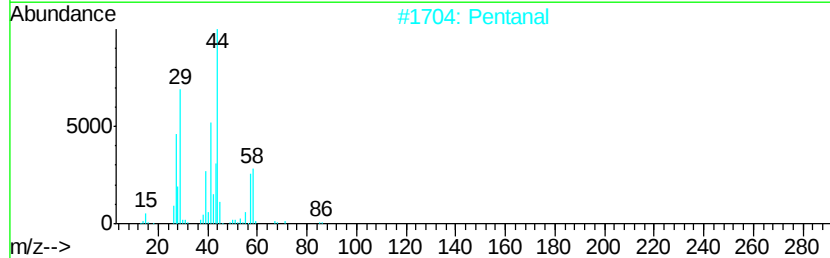
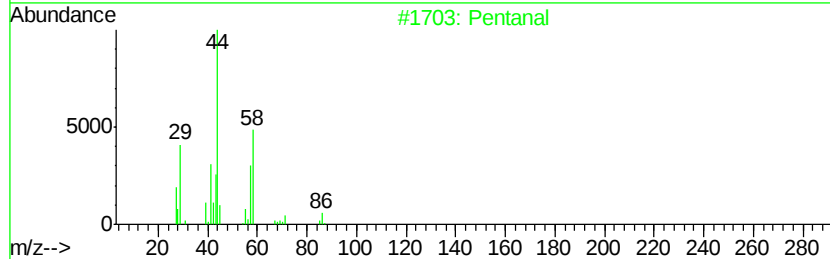
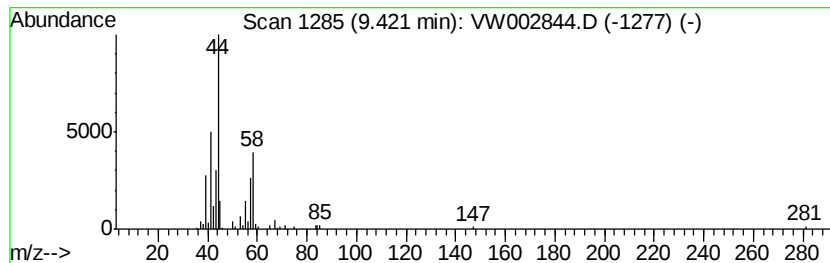
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\SOM2WLM052218S.M
Quant Title : VOC Analysis

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

Peak Number 2 Pentanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	1.61 ug/L	43085	1,4-Difluorobenzene	8.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	56
2		Pentanal	86	C5H10O	000110-62-3	50
3		Butanal, 3-methyl-	86	C5H10O	000590-86-3	50
4		Cyclopropyl carbinol	72	C4H8O	002516-33-8	38
5		Acetamide, 2-cyano-	84	C3H4N2O	000107-91-5	37



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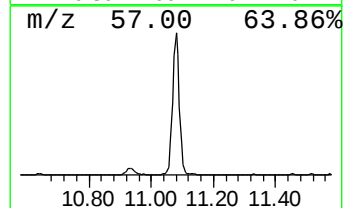
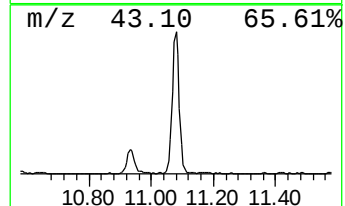
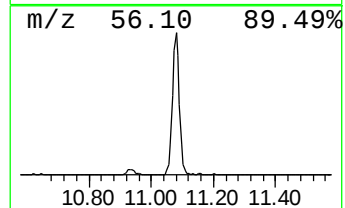
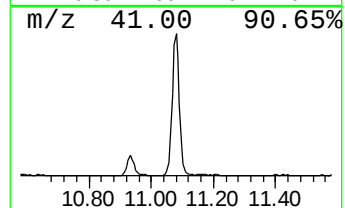
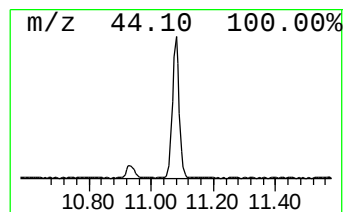
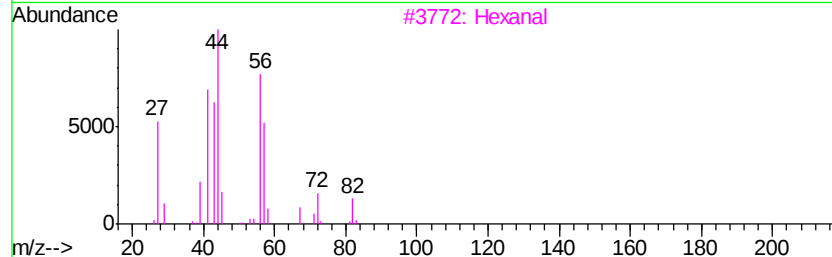
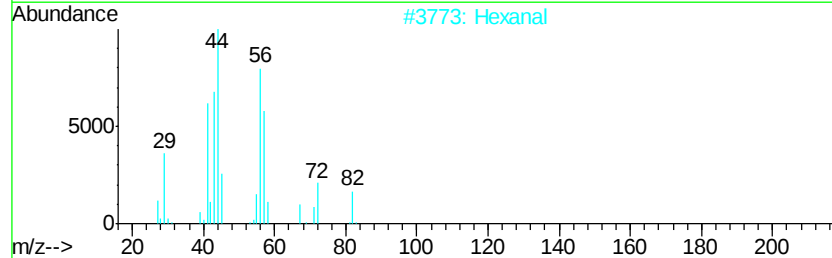
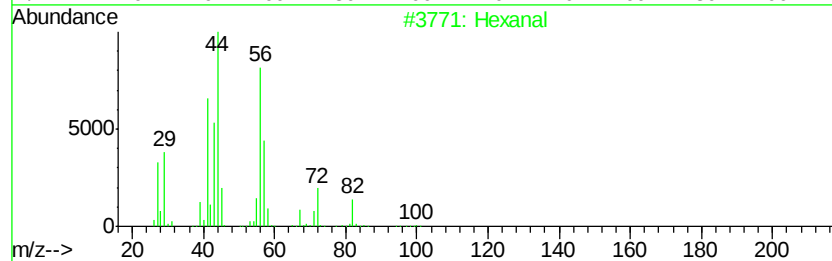
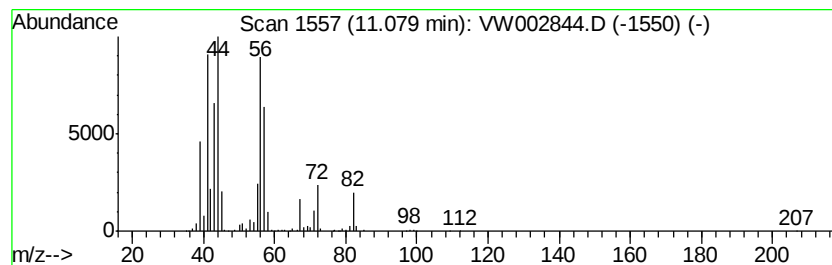
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Quant Title : VOC Analysis

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

Peak Number 4 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.08	12.11 ug/L	411427	Chlorobenzene-d5	11.64

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



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentanal	9.42	1.6	ug/L	43085	1	8.85	670984	25.0
Hexanal	11.08	12.1	ug/L	411427	2	11.64	849586	25.0