

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
 Data File : VW005796.D
 Acq On : 03 Oct 2018 01:10
 Operator : SY/AP
 Sample : J5182-09
 Misc : 3.99G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 JLC58

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\SOM2WLM092818S.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	2.361	69	75	86	rVB	33441	72488	8.87%	1.136%
2	2.898	157	163	179	rVB	27246	75496	9.24%	1.183%
3	3.782	306	308	309	rBV2	325	305	0.04%	0.005%
4	4.013	336	346	361	rBV2	67134	220100	26.94%	3.450%
5	4.251	383	385	388	rVB2	296	348	0.04%	0.005%
6	4.702	457	459	462	rVB	414	263	0.03%	0.004%
7	4.733	462	464	467	rVB2	258	251	0.03%	0.004%
8	4.910	483	493	512	rVV2	17055	62265	7.62%	0.976%
9	5.190	536	539	543	rBV3	343	523	0.06%	0.008%
10	5.227	543	545	551	rVV3	275	575	0.07%	0.009%
11	5.300	554	557	560	rBV2	181	271	0.03%	0.004%
12	5.476	584	586	588	rBV	343	249	0.03%	0.004%
13	5.647	612	614	617	rBV	274	230	0.03%	0.004%
14	5.739	626	629	632	rBV	475	570	0.07%	0.009%
15	5.940	651	662	673	rBV2	21581	63740	7.80%	0.999%
16	6.068	682	683	686	rVB	311	240	0.03%	0.004%
17	6.141	693	695	698	rBV2	365	309	0.04%	0.005%
18	6.202	703	705	712	rVB3	293	487	0.06%	0.008%
19	6.428	737	742	744	rVB3	241	259	0.03%	0.004%
20	6.690	782	785	787	rBV2	304	317	0.04%	0.005%
21	6.854	811	812	818	rVB3	243	365	0.04%	0.006%
22	6.940	824	826	829	rBV2	252	248	0.03%	0.004%
23	7.092	841	851	856	rBV	24986	70019	8.57%	1.098%
24	7.653	931	943	954	rBV	146517	360004	44.06%	5.643%
25	8.281	1035	1046	1063	rVV2	261299	817017	100.00%	12.807%
26	8.403	1063	1066	1068	rBV3	544	617	0.08%	0.010%
27	8.647	1100	1106	1107	rBV2	415	557	0.07%	0.009%
28	8.689	1110	1113	1117	rVB3	380	476	0.06%	0.007%
29	8.781	1126	1128	1130	rBV2	214	237	0.03%	0.004%
30	8.848	1130	1139	1153	rBV	298613	578505	70.81%	9.068%
31	8.982	1158	1161	1163	rVV3	451	535	0.07%	0.008%
32	9.006	1163	1165	1170	rVV3	360	511	0.06%	0.008%
33	9.079	1170	1177	1188	rVB6	2665	6498	0.80%	0.102%
34	9.201	1195	1197	1201	rBV3	237	337	0.04%	0.005%

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 Title : VOC Analysis

35	9.281	1201	1210	1221	rBV	194597	389496	47.67%	6.106%
36	9.476	1240	1242	1245	rVB3	339	334	0.04%	0.005%
37	9.585	1256	1260	1264	rBV3	294	637	0.08%	0.010%
38	9.671	1269	1274	1277	rVV2	851	1238	0.15%	0.019%
39	9.756	1284	1288	1296	rVB4	2085	4248	0.52%	0.067%
40	9.896	1305	1311	1318	rVB4	5439	11182	1.37%	0.175%
41	10.037	1326	1334	1343	rBV	92034	168255	20.59%	2.638%
42	10.220	1360	1364	1365	rBV3	1101	1218	0.15%	0.019%
43	10.329	1374	1382	1389	rBV	349117	606999	74.29%	9.515%
44	10.579	1415	1423	1434	rBV	66736	117080	14.33%	1.835%
45	10.707	1438	1444	1451	rVB	17973	32515	3.98%	0.510%
46	10.933	1474	1481	1491	rBV	105147	189813	23.23%	2.975%
47	11.067	1498	1503	1512	rVB	27506	45880	5.62%	0.719%
48	11.177	1517	1521	1526	rVB4	1145	2178	0.27%	0.034%
49	11.384	1553	1555	1557	rBV	307	311	0.04%	0.005%
50	11.408	1557	1559	1560	rVV2	636	639	0.08%	0.010%
51	11.445	1560	1565	1573	rVB2	11701	19784	2.42%	0.310%
52	11.634	1588	1596	1605	rBV	429159	729384	89.27%	11.434%
53	11.805	1621	1624	1625	rBV2	357	364	0.04%	0.006%
54	11.835	1626	1629	1631	rVV2	935	1214	0.15%	0.019%
55	11.872	1633	1635	1636	rVV	495	356	0.04%	0.006%
56	11.927	1640	1644	1646	rVB2	281	353	0.04%	0.006%
57	11.981	1652	1653	1656	rVB2	302	231	0.03%	0.004%
58	12.012	1656	1658	1660	rBV2	254	249	0.03%	0.004%
59	12.250	1693	1697	1701	rVB3	254	415	0.05%	0.007%
60	12.347	1709	1713	1716	rBV	216	281	0.03%	0.004%
61	12.475	1731	1734	1737	rVV2	856	903	0.11%	0.014%
62	12.561	1742	1748	1749	rBV2	306	558	0.07%	0.009%
63	12.615	1751	1757	1763	rVV	36968	60622	7.42%	0.950%
64	12.701	1764	1771	1778	rVB	167835	283760	34.73%	4.448%
65	12.896	1800	1803	1806	rBV	1490	1994	0.24%	0.031%
66	12.939	1806	1810	1816	rVB	8156	12412	1.52%	0.195%
67	13.042	1823	1827	1831	rBV3	525	920	0.11%	0.014%
68	13.091	1831	1835	1837	rBV2	852	887	0.11%	0.014%
69	13.207	1851	1854	1856	rVB3	746	911	0.11%	0.014%
70	13.249	1859	1861	1862	rBV	344	261	0.03%	0.004%
71	13.304	1862	1870	1877	rVB2	7829	12390	1.52%	0.194%

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72	13.378	1880	1882	1883	rBV2	325	270	0.03%	0.004%
73	13.414	1884	1888	1894	rVB3	1655	2445	0.30%	0.038%
74	13.481	1894	1899	1901	rBV4	1154	1885	0.23%	0.030%
75	13.512	1901	1904	1905	rBV2	751	717	0.09%	0.011%
76	13.566	1906	1913	1923	rVV	396501	624085	76.39%	9.783%
77	13.658	1923	1928	1935	rVB2	25818	41179	5.04%	0.646%
78	13.774	1943	1947	1950	rBV4	1320	2074	0.25%	0.033%
79	13.859	1954	1961	1968	rBV	365178	582686	71.32%	9.134%
80	13.963	1974	1978	1981	rBV6	1083	1821	0.22%	0.029%
81	14.079	1985	1997	2004	rVB	17311	34336	4.20%	0.538%
82	14.207	2014	2018	2019	rBV2	1042	1208	0.15%	0.019%
83	14.310	2031	2035	2036	rBV2	2029	2229	0.27%	0.035%
84	14.432	2049	2055	2061	rVV3	7571	11669	1.43%	0.183%
85	14.536	2065	2072	2076	rBV6	1313	2876	0.35%	0.045%
86	14.621	2084	2086	2089	rBV3	476	476	0.06%	0.007%
87	14.707	2097	2100	2101	rBV3	576	657	0.08%	0.010%
88	14.737	2101	2105	2109	rVB5	2534	3951	0.48%	0.062%
89	15.182	2175	2178	2181	rBV2	598	905	0.11%	0.014%
90	15.347	2203	2205	2206	rBV2	484	290	0.04%	0.005%
91	15.444	2218	2221	2227	rVB3	4351	6492	0.79%	0.102%
92	15.511	2227	2232	2239	rVB	8287	14258	1.75%	0.224%
93	15.591	2243	2245	2248	rBV2	572	522	0.06%	0.008%
94	15.682	2258	2260	2261	rBV2	528	471	0.06%	0.007%
95	15.700	2261	2263	2271	rVB4	948	1609	0.20%	0.025%
96	15.773	2274	2275	2276	rBV	958	578	0.07%	0.009%
97	16.036	2317	2318	2319	rBV	505	311	0.04%	0.005%
98	16.225	2347	2349	2351	rBV2	555	417	0.05%	0.007%
99	16.371	2371	2373	2379	rVB4	1652	2682	0.33%	0.042%
100	16.493	2392	2393	2396	rBV3	618	732	0.09%	0.011%

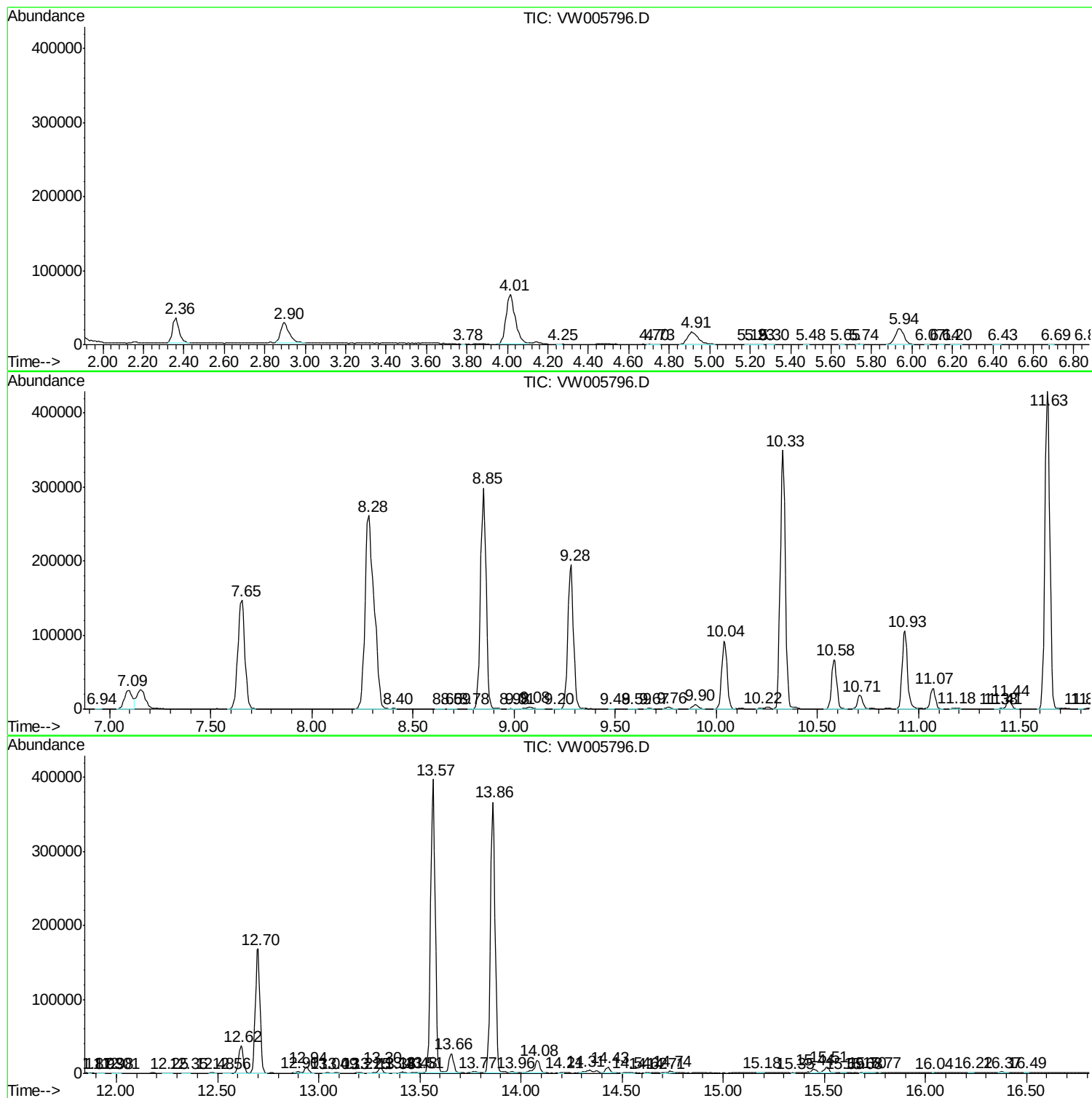
Sum of corrected areas: 6379315

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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



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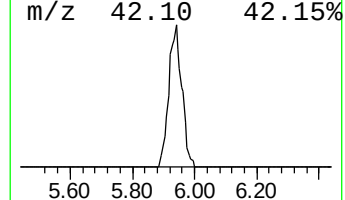
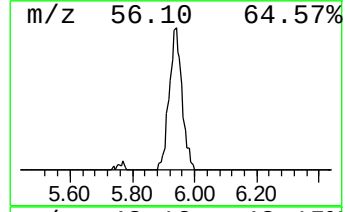
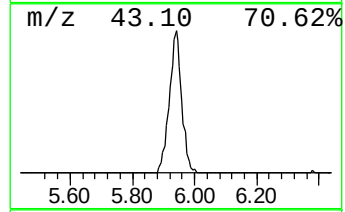
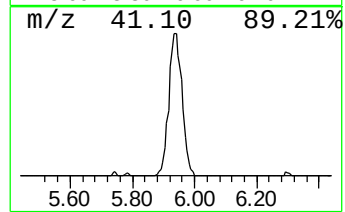
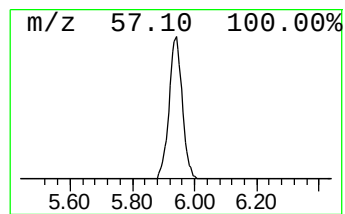
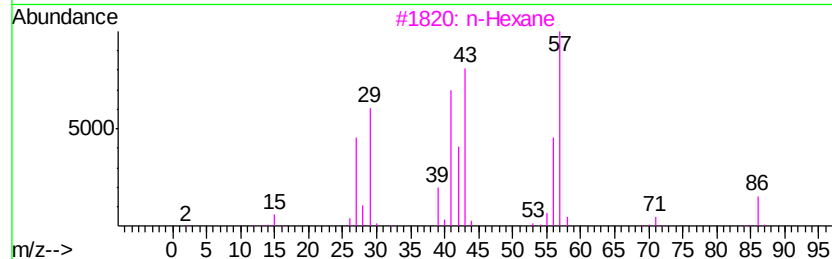
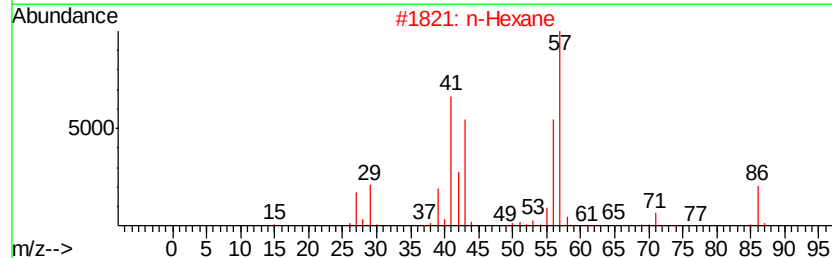
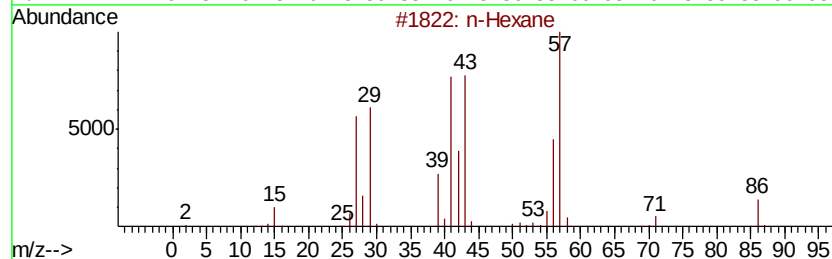
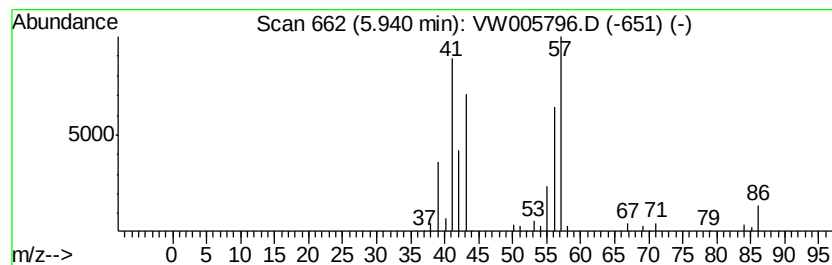
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.94	2.75 ug/L	63740	1,4-Difluorobenzene	8.85	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	64
2	n-Hexane	86	C6H14	000110-54-3	56
3	n-Hexane	86	C6H14	000110-54-3	50
4	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	42
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	42



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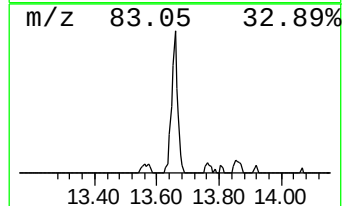
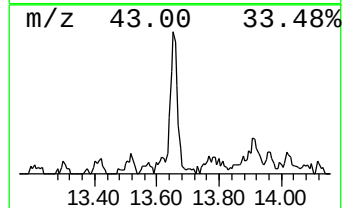
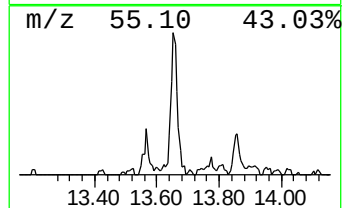
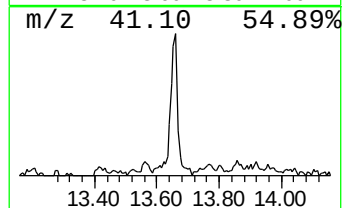
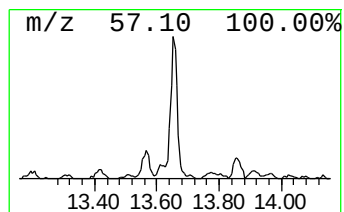
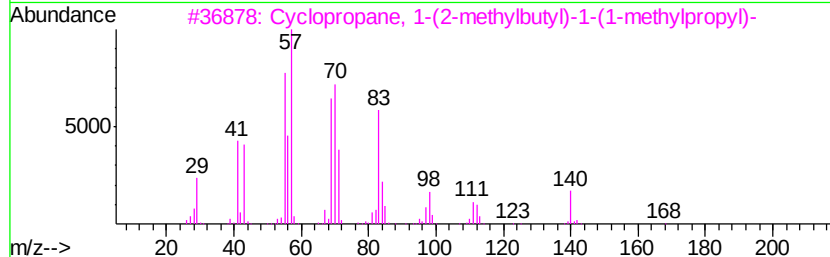
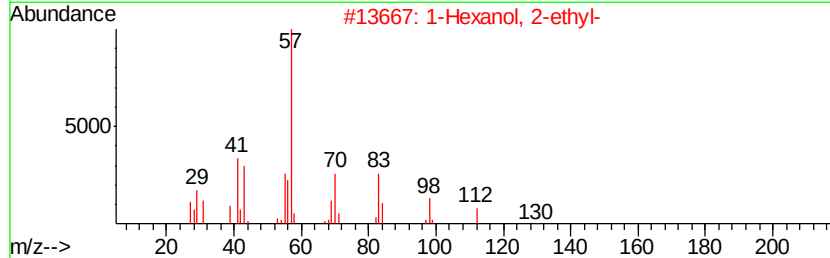
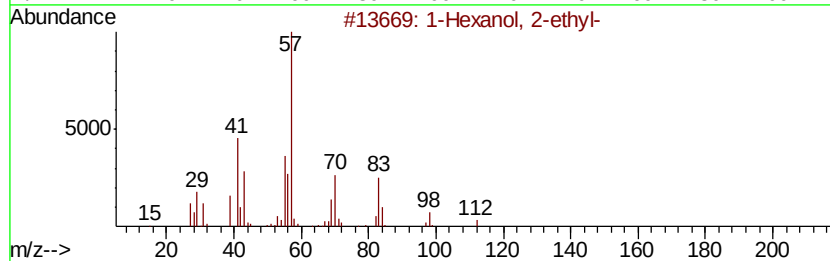
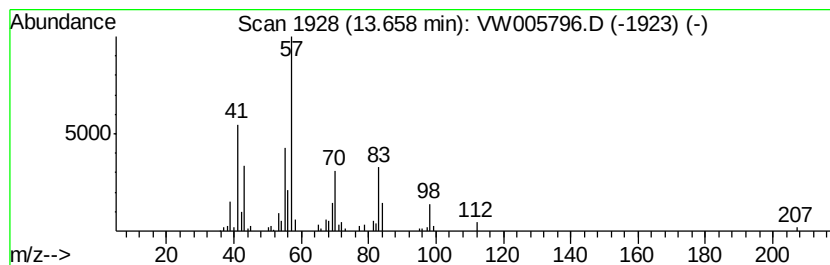
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Quant Title : VOC Analysis

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

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	1.65 ug/L	41179	1,4-Dichlorobenzene-d4	13.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3		Cyclopropane, 1-(2-methylbutyl)-...	168	C12H24	064723-36-0	64
4		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5		2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	5.94	2.8	ug/L	63740	1	8.85	578505	25.0
1-Hexanol, 2-ethyl-	13.66	1.6	ug/L	41179	3	13.57	624085	25.0