

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061719\
 Data File : VW010833.D
 Acq On : 17 Jun 2019 17:45
 Operator : SY/VA
 Sample : K3324-21RE
 Misc : 5.65G/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 : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.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	rBV3	4735	6914	1.44%	0.175%
2	2.160	37	42	48	rBV	17981	27207	5.66%	0.688%
3	2.349	67	73	80	rBV	36765	59944	12.46%	1.516%
4	2.885	155	161	170	rVB	29563	59616	12.40%	1.508%
5	3.385	236	243	253	rVB	8987	21559	4.48%	0.545%
6	3.550	262	270	272	rBV5	1221	2809	0.58%	0.071%
7	3.733	298	300	302	rBV3	671	661	0.14%	0.017%
8	3.861	313	321	322	rBV4	1183	1966	0.41%	0.050%
9	3.946	332	335	336	rVB2	616	610	0.13%	0.015%
10	4.013	336	346	359	rBV	54111	147242	30.61%	3.724%
11	4.129	360	365	366	rBV3	1643	2226	0.46%	0.056%
12	4.379	402	406	407	rBV	473	593	0.12%	0.015%
13	4.733	459	464	465	rBV2	641	768	0.16%	0.019%
14	4.922	482	495	511	rBV3	9722	42354	8.81%	1.071%
15	5.043	514	515	519	rVV3	881	1115	0.23%	0.028%
16	5.098	523	524	528	rVB3	939	856	0.18%	0.022%
17	5.141	528	531	533	rBV3	419	563	0.12%	0.014%
18	5.434	571	579	590	rBV4	3840	14053	2.92%	0.355%
19	5.562	598	600	602	rBV3	677	616	0.13%	0.016%
20	5.690	619	621	623	rBV2	640	651	0.14%	0.016%
21	5.757	626	632	634	rBV3	1046	1603	0.33%	0.041%
22	5.940	652	662	675	rBV2	15057	45897	9.54%	1.161%
23	6.110	683	690	697	rVB8	1257	3499	0.73%	0.088%
24	6.226	701	709	717	rBV6	2416	6675	1.39%	0.169%
25	6.561	762	764	767	rVV3	872	1069	0.22%	0.027%
26	6.732	790	792	796	rVB4	542	631	0.13%	0.016%
27	6.982	828	833	835	rBV4	1058	1539	0.32%	0.039%
28	7.098	843	852	868	rBV5	16293	76802	15.97%	1.942%
29	7.519	914	921	922	rBV2	854	1403	0.29%	0.035%
30	7.653	931	943	958	rBV3	65636	209970	43.66%	5.310%
31	7.921	982	987	998	rVB6	3637	9616	2.00%	0.243%
32	8.037	1000	1006	1013	rVB5	2377	6004	1.25%	0.152%
33	8.153	1018	1025	1033	rBV2	7436	17489	3.64%	0.442%
34	8.275	1036	1045	1059	rBV2	152815	480959	100.00%	12.163%

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35	8.500	1080	1082	1083	rVV	620	634	0.13%	0.016%
36	8.525	1083	1086	1091	rVV5	1870	2880	0.60%	0.073%
37	8.598	1092	1098	1103	rVB4	1986	3946	0.82%	0.100%
38	8.695	1106	1114	1126	rBV2	12228	28272	5.88%	0.715%
39	8.842	1130	1138	1153	rVV	193828	392616	81.63%	9.929%
40	9.091	1169	1179	1190	rVB	67111	132355	27.52%	3.347%
41	9.274	1200	1209	1218	rBV	122732	249059	51.78%	6.298%
42	9.396	1225	1229	1233	rVB3	1176	1977	0.41%	0.050%
43	9.524	1244	1250	1254	rVB4	1668	3377	0.70%	0.085%
44	9.622	1261	1266	1269	rBV2	447	819	0.17%	0.021%
45	9.658	1269	1272	1273	rBV	1018	866	0.18%	0.022%
46	9.689	1273	1277	1282	rBV8	631	1179	0.25%	0.030%
47	9.744	1282	1286	1293	rVB5	1756	3180	0.66%	0.080%
48	9.817	1293	1298	1302	rBV4	1025	1894	0.39%	0.048%
49	9.890	1308	1310	1315	rVB5	1095	1669	0.35%	0.042%
50	9.951	1317	1320	1321	rBV2	1609	1606	0.33%	0.041%
51	10.036	1328	1334	1340	rVB	56320	98161	20.41%	2.482%
52	10.097	1340	1344	1355	rVB3	5632	14359	2.99%	0.363%
53	10.189	1355	1359	1360	rBV3	883	1105	0.23%	0.028%
54	10.323	1374	1381	1388	rBV	190949	338202	70.32%	8.553%
55	10.506	1405	1411	1416	rBV3	7607	13795	2.87%	0.349%
56	10.579	1417	1423	1435	rVB	37334	70093	14.57%	1.773%
57	10.707	1438	1444	1451	rBV2	11398	21121	4.39%	0.534%
58	10.780	1451	1456	1462	rBV9	1159	2369	0.49%	0.060%
59	10.859	1464	1469	1474	rBV2	8341	14340	2.98%	0.363%
60	10.927	1474	1480	1493	rVV2	80420	149773	31.14%	3.788%
61	11.073	1503	1504	1508	rVB3	1175	905	0.19%	0.023%
62	11.183	1518	1522	1526	rVB4	807	1504	0.31%	0.038%
63	11.225	1526	1529	1530	rBV3	755	859	0.18%	0.022%
64	11.378	1552	1554	1555	rBV2	783	686	0.14%	0.017%
65	11.408	1556	1559	1563	rVB4	2505	3709	0.77%	0.094%
66	11.451	1563	1566	1569	rVB3	764	1051	0.22%	0.027%
67	11.518	1572	1577	1580	rBV3	2254	3797	0.79%	0.096%
68	11.634	1587	1596	1605	rBV	235838	404798	84.16%	10.237%
69	11.737	1609	1613	1618	rVB5	2890	5243	1.09%	0.133%
70	11.780	1618	1620	1621	rBV2	663	569	0.12%	0.014%
71	11.798	1621	1623	1624	rBV2	693	634	0.13%	0.016%

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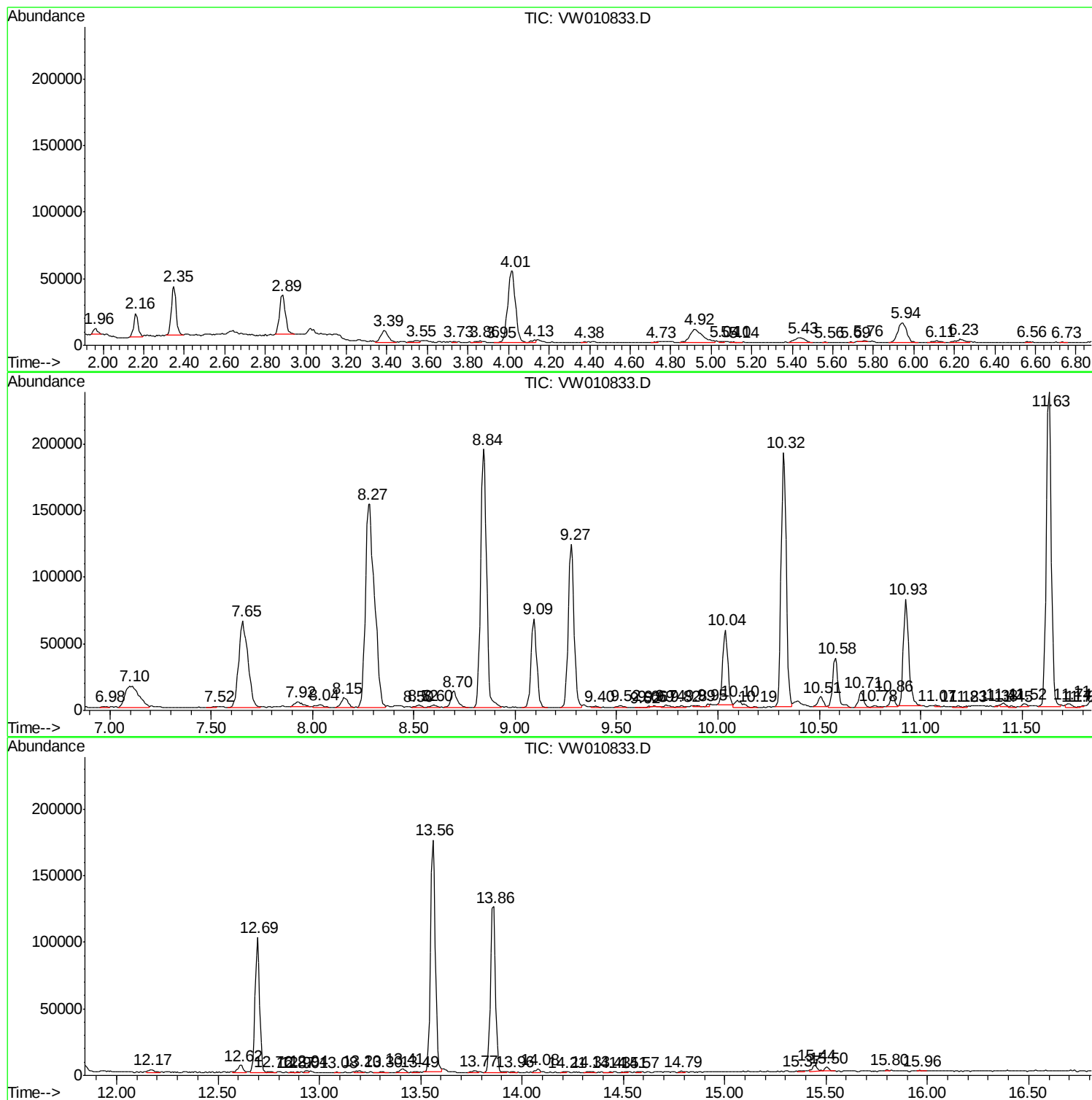
72	11.841	1625	1630	1638	rVB6	4634	9086	1.89%	0.230%
73	12.170	1680	1684	1691	rVB8	1894	4220	0.88%	0.107%
74	12.615	1750	1757	1761	rVV2	5104	9235	1.92%	0.234%
75	12.695	1764	1770	1777	rVB	101462	163882	34.07%	4.144%
76	12.762	1777	1781	1785	rVB5	695	1093	0.23%	0.028%
77	12.871	1795	1799	1800	rVB4	574	643	0.13%	0.016%
78	12.896	1800	1803	1804	rBV3	617	674	0.14%	0.017%
79	12.938	1807	1810	1812	rBV3	1201	1404	0.29%	0.036%
80	13.085	1832	1834	1837	rVB3	750	673	0.14%	0.017%
81	13.201	1848	1853	1856	rVB5	1176	1828	0.38%	0.046%
82	13.304	1864	1870	1876	rVB3	957	1905	0.40%	0.048%
83	13.414	1882	1888	1892	rVB4	2976	5306	1.10%	0.134%
84	13.487	1895	1900	1901	rBV3	564	805	0.17%	0.020%
85	13.560	1905	1912	1919	rBV	173914	284879	59.23%	7.204%
86	13.774	1940	1947	1949	rBV5	1495	2663	0.55%	0.067%
87	13.859	1953	1961	1972	rBV	124326	211509	43.98%	5.349%
88	13.956	1974	1977	1980	rVB3	872	874	0.18%	0.022%
89	14.078	1992	1997	1999	rBV3	2319	3413	0.71%	0.086%
90	14.213	2015	2019	2020	rBV2	484	653	0.14%	0.017%
91	14.328	2034	2038	2044	rBV5	890	1959	0.41%	0.050%
92	14.432	2050	2055	2057	rBV3	627	926	0.19%	0.023%
93	14.511	2064	2068	2070	rBV3	560	1010	0.21%	0.026%
94	14.572	2076	2078	2081	rBV4	461	666	0.14%	0.017%
95	14.786	2110	2113	2116	rBV4	855	1103	0.23%	0.028%
96	15.371	2207	2209	2213	rBV5	582	942	0.20%	0.024%
97	15.444	2217	2221	2227	rVV2	4681	7827	1.63%	0.198%
98	15.505	2227	2231	2237	rVB	2732	4563	0.95%	0.115%
99	15.804	2278	2280	2282	rVB2	789	638	0.13%	0.016%
100	15.962	2304	2306	2311	rBV5	789	1065	0.22%	0.027%

Sum of corrected areas: 3954325

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Quant Title : VOC Analysis

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



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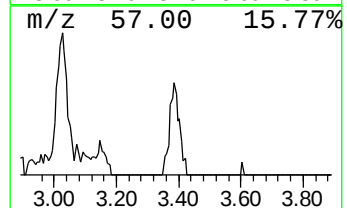
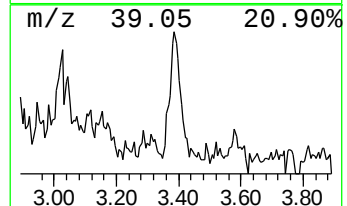
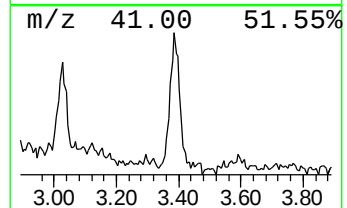
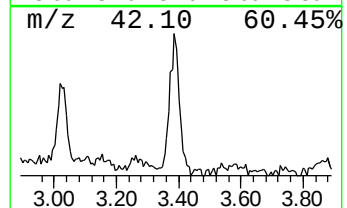
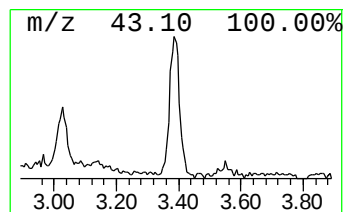
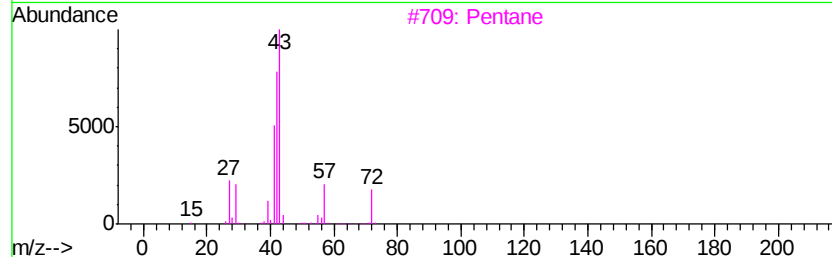
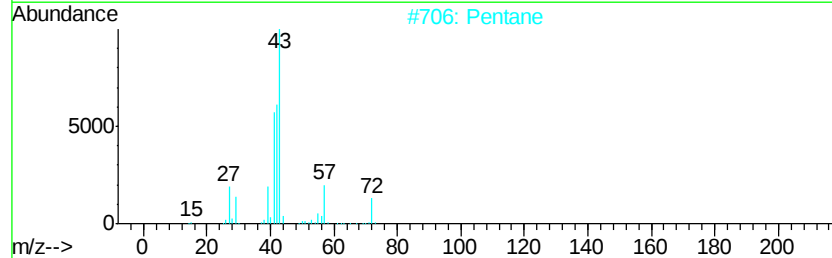
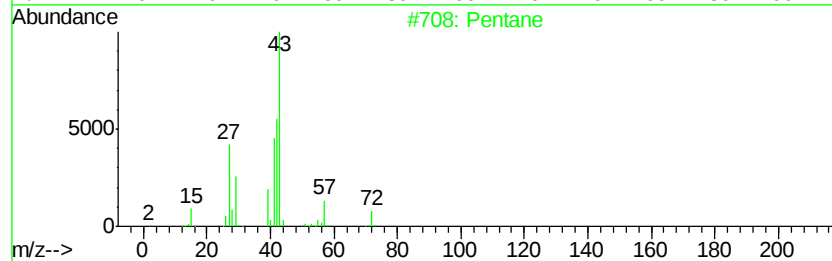
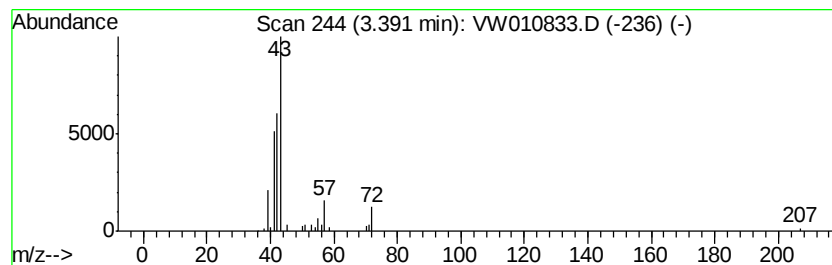
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM061119S.M
Quant Title : VOC Analysis

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

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.39	1.37 ug/L	21559	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentane	72	C5H12	000109-66-0	90
2		Pentane	72	C5H12	000109-66-0	90
3		Pentane	72	C5H12	000109-66-0	86
4		Pentane	72	C5H12	000109-66-0	72
5		Butane, 2-methyl-	72	C5H12	000078-78-4	38



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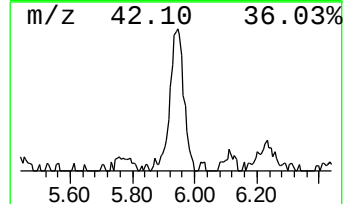
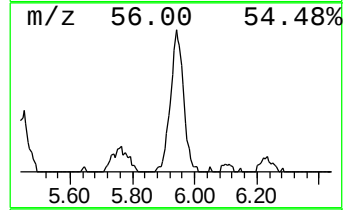
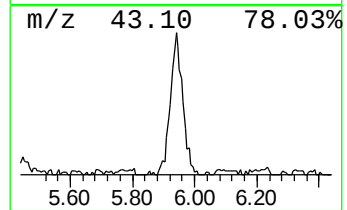
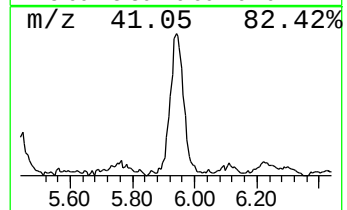
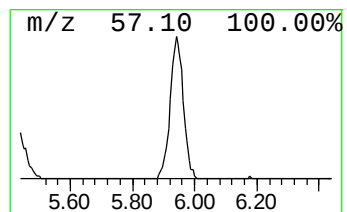
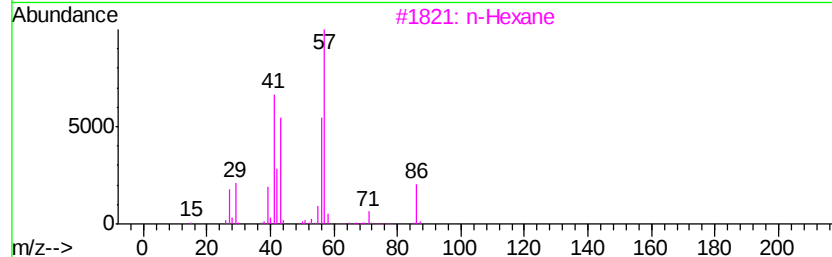
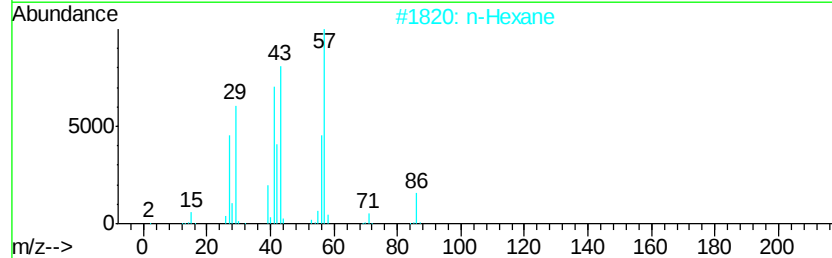
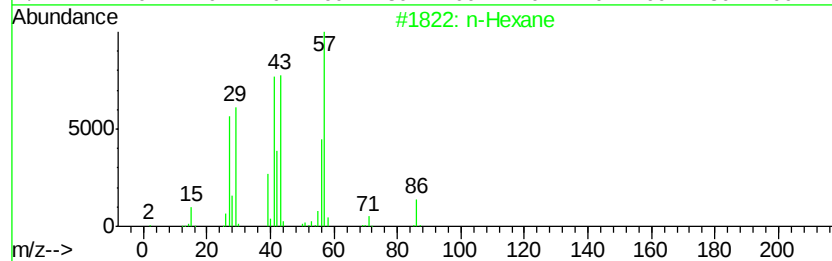
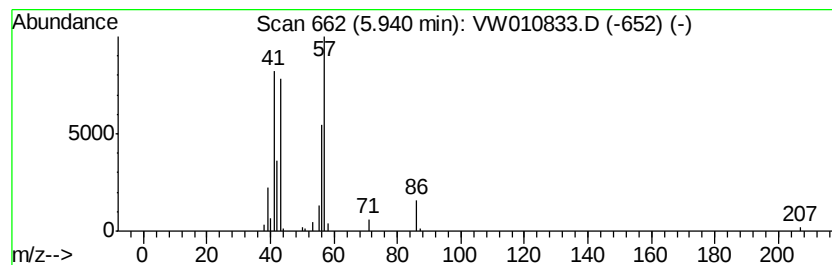
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	2.92 ug/L	45897	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	91
2		n-Hexane	86	C6H14	000110-54-3	90
3		n-Hexane	86	C6H14	000110-54-3	80
4		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	53
5		Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	38



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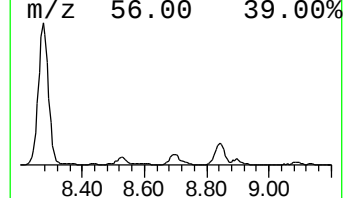
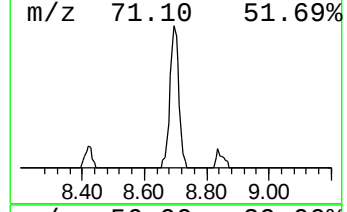
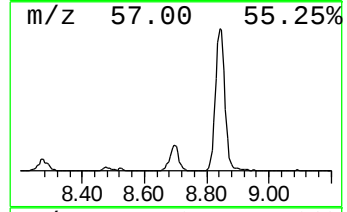
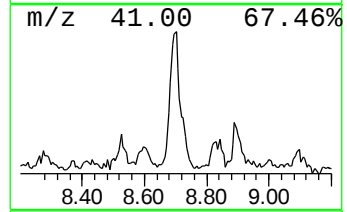
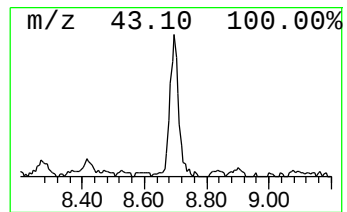
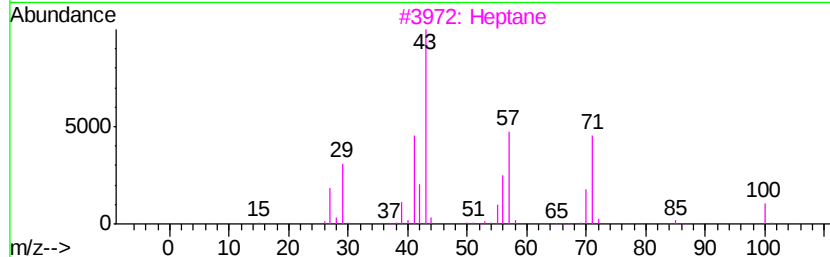
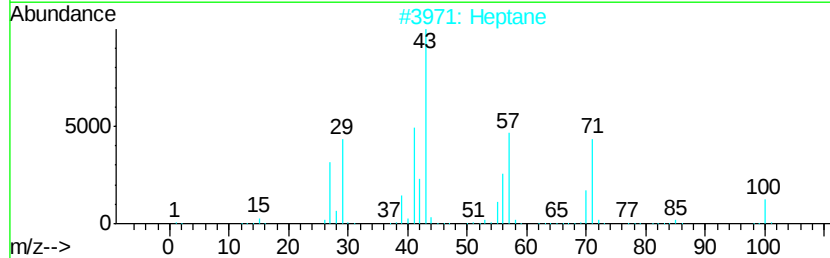
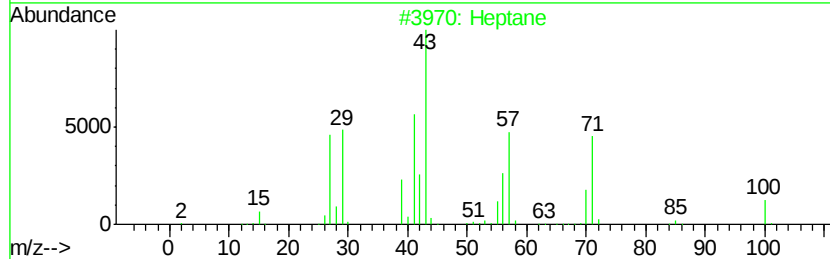
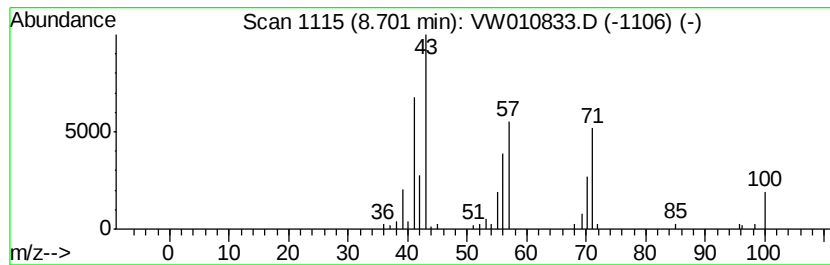
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	1.80 ug/L	28272	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane			100	C7H16	000142-82-5	91
2	Heptane			100	C7H16	000142-82-5	87
3	Heptane			100	C7H16	000142-82-5	83
4	Heptane			100	C7H16	000142-82-5	83
5	Furan, tetrahydro-2-methyl-			86	C5H10O	000096-47-9	43



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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
(DEL) Alkane: Str...	3.39	1.4	ug/L	21559	1	8.84	392616	25.0
(DEL) Alkane: Str...	5.94	2.9	ug/L	45897	1	8.84	392616	25.0
(DEL) Alkane: Str...	8.70	1.8	ug/L	28272	1	8.84	392616	25.0