

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009475.D
 Acq On : 26 Mar 2019 20:54
 Operator : SY/VA
 Sample : K2068-01
 Misc : 5.36G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5M0

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	2.355	70	74	86	rVB	56618	119570	10.80%	1.719%
2	4.019	337	347	358	rBV2	92774	308321	27.84%	4.432%
3	4.239	381	383	384	rBV2	1838	1704	0.15%	0.024%
4	4.275	387	389	392	rVB2	1956	1906	0.17%	0.027%
5	4.306	392	394	396	rBV2	1689	2169	0.20%	0.031%
6	4.373	401	405	410	rBV3	5147	12326	1.11%	0.177%
7	4.452	416	418	420	rBV3	1264	1094	0.10%	0.016%
8	4.489	422	424	427	rBV	1940	2073	0.19%	0.030%
9	4.537	430	432	433	rVB	2000	1202	0.11%	0.017%
10	4.556	433	435	436	rVB	1446	894	0.08%	0.013%
11	4.568	436	437	438	rBV	1610	1091	0.10%	0.016%
12	4.623	445	446	448	rVB	2421	1191	0.11%	0.017%
13	4.641	448	449	451	rVB	1976	1059	0.10%	0.015%
14	4.665	451	453	455	rBV	2230	2104	0.19%	0.030%
15	4.720	460	462	463	rBV	1722	863	0.08%	0.012%
16	4.751	466	467	471	rVB2	1218	1096	0.10%	0.016%
17	4.787	471	473	474	rVB	2513	1440	0.13%	0.021%
18	4.818	476	478	479	rVB	1676	891	0.08%	0.013%
19	4.909	482	493	505	rBV3	25622	107039	9.67%	1.539%
20	5.092	521	523	525	rVB2	1772	1234	0.11%	0.018%
21	5.111	525	526	529	rVB	1384	804	0.07%	0.012%
22	5.135	529	530	533	rBV2	1562	1492	0.13%	0.021%
23	5.214	542	543	547	rVB	2803	1886	0.17%	0.027%
24	5.257	547	550	553	rBV	1489	1858	0.17%	0.027%
25	5.281	553	554	556	rVB	1940	1202	0.11%	0.017%
26	5.330	560	562	563	rBV	1765	1549	0.14%	0.022%
27	5.446	579	581	582	rBV2	1046	772	0.07%	0.011%
28	5.488	586	588	589	rVB	2075	1203	0.11%	0.017%
29	5.501	589	590	592	rBV	1843	1441	0.13%	0.021%
30	5.574	600	602	605	rBV2	1513	1821	0.16%	0.026%
31	5.617	607	609	613	rVB	1314	2090	0.19%	0.030%
32	5.665	613	617	618	rBV	1956	3057	0.28%	0.044%
33	5.708	622	624	625	rBV	1677	1222	0.11%	0.018%
34	5.934	653	661	670	rVB7	9865	29690	2.68%	0.427%

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 Title : VOC Analysis

35	6.025	674	676	677 rVB	1270	780	0.07%	0.011%
36	6.129	691	693	697 rBV	1700	2240	0.20%	0.032%
37	6.238	706	711	714 rBV4	1702	3238	0.29%	0.047%
38	6.263	714	715	718 rVB2	2492	2301	0.21%	0.033%
39	6.287	718	719	721 rBV	2179	1831	0.17%	0.026%
40	6.318	723	724	727 rVV	1186	842	0.08%	0.012%
41	6.360	727	731	733 rVB	2481	2889	0.26%	0.042%
42	6.440	742	744	745 rBV	1300	1120	0.10%	0.016%
43	6.476	749	750	753 rBV2	1285	1231	0.11%	0.018%
44	6.537	758	760	761 rVB2	1510	988	0.09%	0.014%
45	6.561	761	764	765 rVB2	1265	1012	0.09%	0.015%
46	6.580	765	767	768 rBV2	1302	1205	0.11%	0.017%
47	6.653	777	779	781 rBV	1347	736	0.07%	0.011%
48	6.677	781	783	784 rVB	1873	1324	0.12%	0.019%
49	6.702	784	787	789 rBV	1640	2441	0.22%	0.035%
50	6.726	789	791	794 rVB2	1228	1285	0.12%	0.018%
51	6.763	794	797	799 rVB	2530	2100	0.19%	0.030%
52	6.781	799	800	801 rBV	1264	890	0.08%	0.013%
53	6.836	808	809	811 rBV	1088	838	0.08%	0.012%
54	7.007	835	837	839 rVB	2929	2468	0.22%	0.035%
55	7.080	839	849	858 rBV	48428	145180	13.11%	2.087%
56	7.281	880	882	884 rBV3	1392	1039	0.09%	0.015%
57	7.336	889	891	892 rBV	1648	1168	0.11%	0.017%
58	7.391	896	900	902 rBV2	1569	1645	0.15%	0.024%
59	7.415	902	904	906 rBV	1491	1772	0.16%	0.025%
60	7.464	910	912	914 rVB	2105	1705	0.15%	0.025%
61	7.513	919	920	921 rBV	1610	724	0.07%	0.010%
62	7.641	931	941	954 rBV	221250	535413	48.35%	7.696%
63	7.781	962	964	968 rVB	1896	2237	0.20%	0.032%
64	7.830	968	972	973 rBV	1891	1957	0.18%	0.028%
65	7.884	977	981	983 rBV	1324	1804	0.16%	0.026%
66	8.037	1001	1006	1008 rBV3	2440	4238	0.38%	0.061%
67	8.086	1013	1014	1018 rVB	1811	1384	0.12%	0.020%
68	8.275	1034	1045	1061 rBV2	339405	1107457	100.00%	15.919%
69	8.384	1061	1063	1064 rBV	1893	1264	0.11%	0.018%
70	8.695	1107	1114	1123 rBV5	6547	19246	1.74%	0.277%
71	8.768	1123	1126	1128 rBV2	1847	1748	0.16%	0.025%

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72	8.842	1128	1138	1148	rBV	390895	782715	70.68%	11.251%
73	8.988	1160	1162	1164	rBV2	1376	1038	0.09%	0.015%
74	9.110	1180	1182	1185	rVB2	2099	1903	0.17%	0.027%
75	9.274	1201	1209	1216	rBV2	270163	556956	50.29%	8.006%
76	9.537	1251	1252	1255	rVB	2452	1558	0.14%	0.022%
77	9.561	1255	1256	1257	rBV	1665	755	0.07%	0.011%
78	9.591	1257	1261	1262	rBV	1949	2193	0.20%	0.032%
79	9.756	1280	1288	1298	rVB3	14292	30336	2.74%	0.436%
80	9.890	1304	1310	1317	rBV3	23097	47284	4.27%	0.680%
81	10.036	1328	1334	1341	rVB	129777	229720	20.74%	3.302%
82	10.250	1365	1369	1373	rBV5	6458	11939	1.08%	0.172%
83	10.323	1374	1381	1389	rBV	371598	654209	59.07%	9.404%
84	10.579	1417	1423	1431	rBV	86439	154064	13.91%	2.215%
85	10.927	1473	1480	1489	rBV	188443	326150	29.45%	4.688%
86	11.634	1589	1596	1605	rVB	401711	702611	63.44%	10.099%
87	12.341	1708	1712	1719	rVB6	7848	15722	1.42%	0.226%
88	12.609	1747	1756	1760	rBV3	9150	23894	2.16%	0.343%
89	12.695	1762	1770	1777	rBV	180471	296551	26.78%	4.263%
90	12.877	1794	1800	1801	rBV4	4428	8007	0.72%	0.115%
91	13.255	1858	1862	1867	rBV4	7983	13276	1.20%	0.191%
92	13.402	1882	1886	1892	rVB7	8426	16662	1.50%	0.240%
93	13.560	1906	1912	1923	rBV	190717	323121	29.18%	4.645%
94	13.688	1932	1933	1934	rBV	2357	947	0.09%	0.014%
95	13.853	1954	1960	1968	rBV	142690	244026	22.03%	3.508%
96	14.078	1993	1997	2005	rVB5	9186	23613	2.13%	0.339%
97	16.200	2344	2345	2349	rBV2	2189	2170	0.20%	0.031%
98	16.230	2349	2350	2353	rBV2	2551	1562	0.14%	0.022%
99	16.310	2361	2363	2364	rVB	2208	1140	0.10%	0.016%
100	16.383	2373	2375	2376	rBV2	2312	1739	0.16%	0.025%

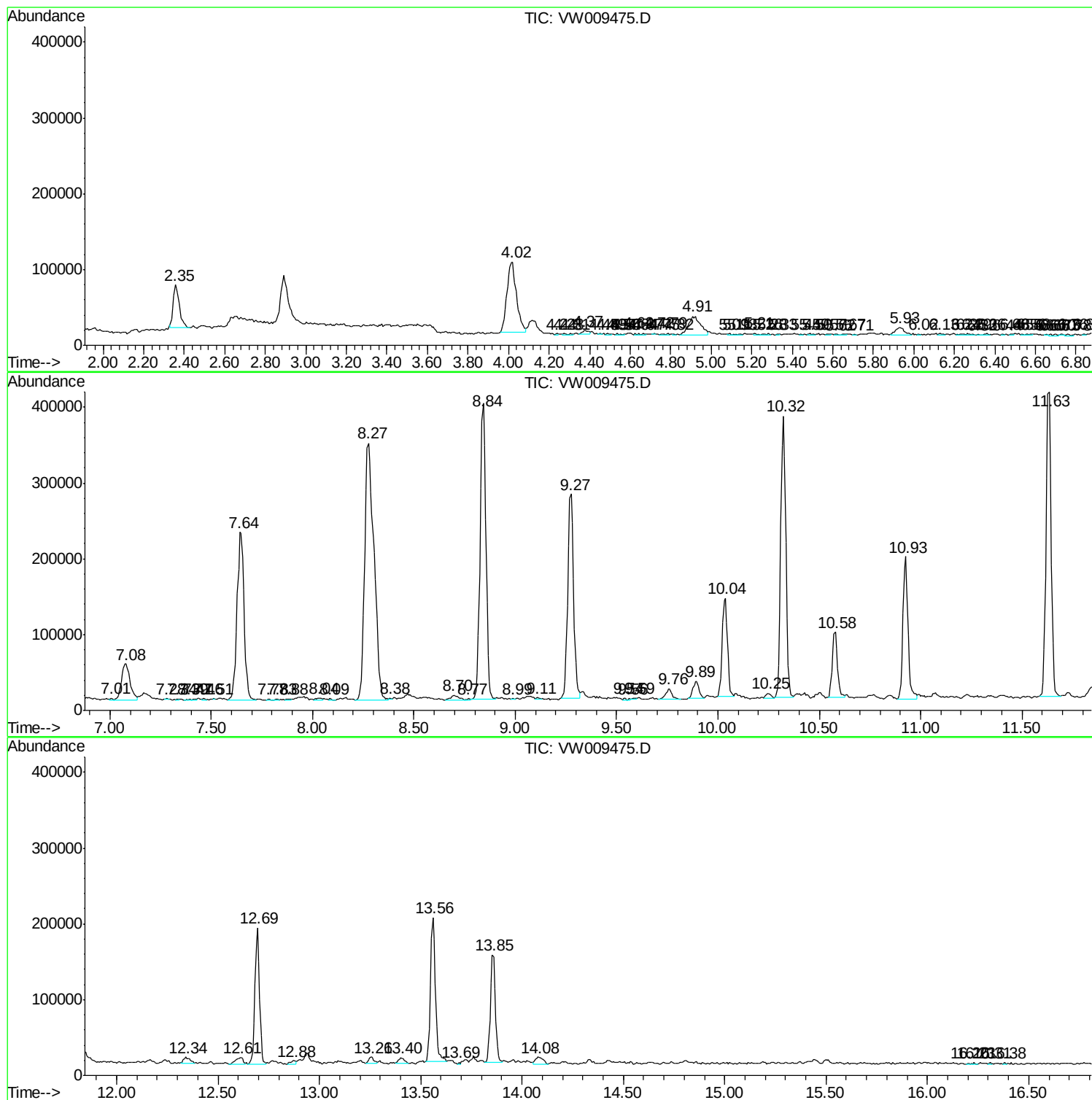
Sum of corrected areas: 6956955

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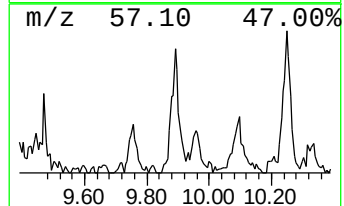
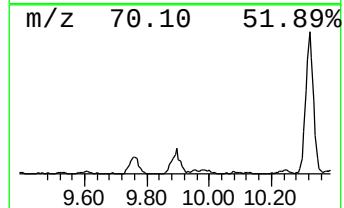
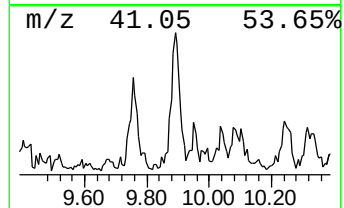
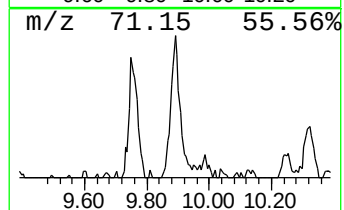
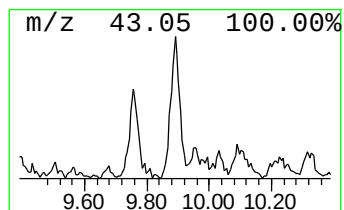
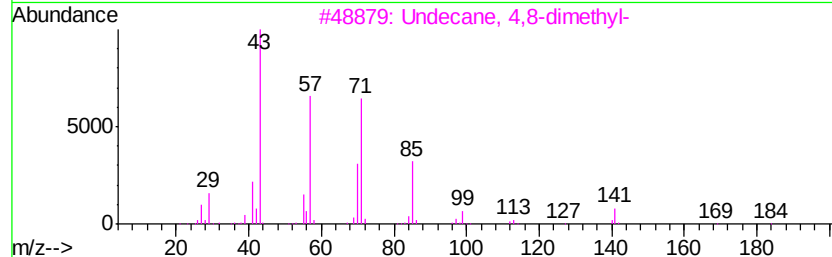
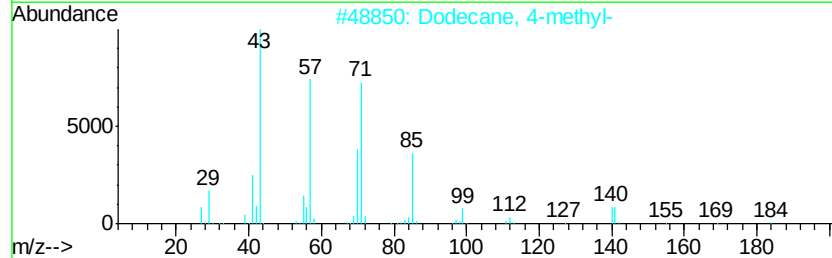
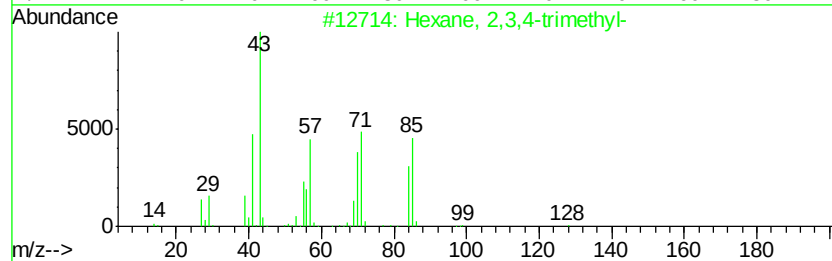
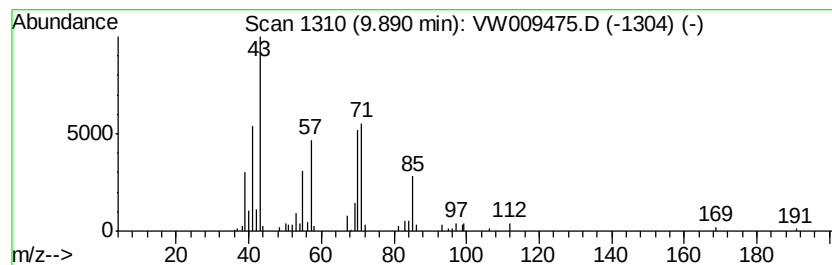
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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

Peak Number 1 Hexane, 2,3,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	1.51 ug/L	47284	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
2			Dodecane, 4-methyl-	184	C13H28	006117-97-1	53
3			Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	53
4			Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5			Heptane, 4-methyl-	114	C8H18	000589-53-7	53



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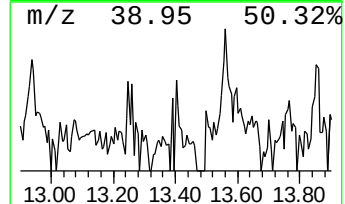
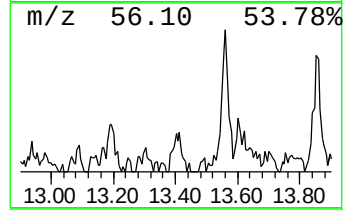
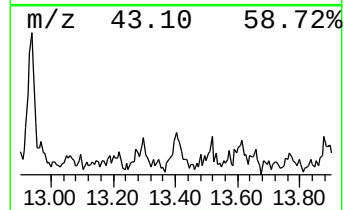
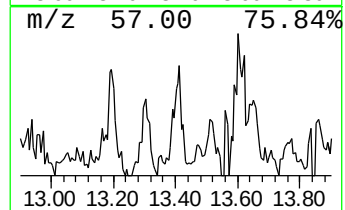
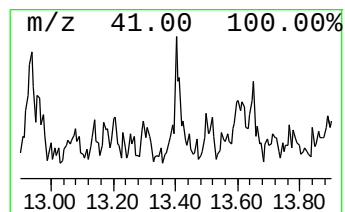
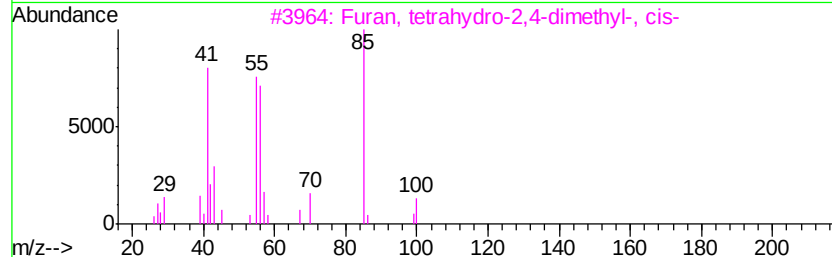
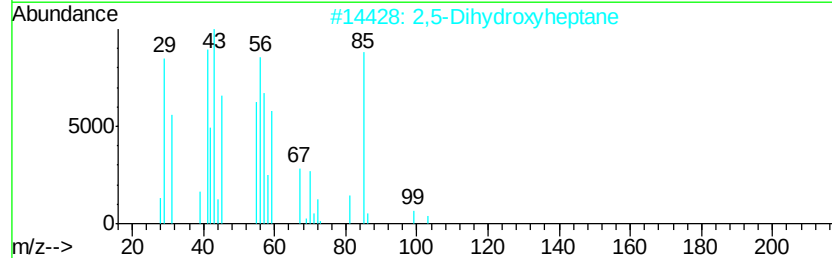
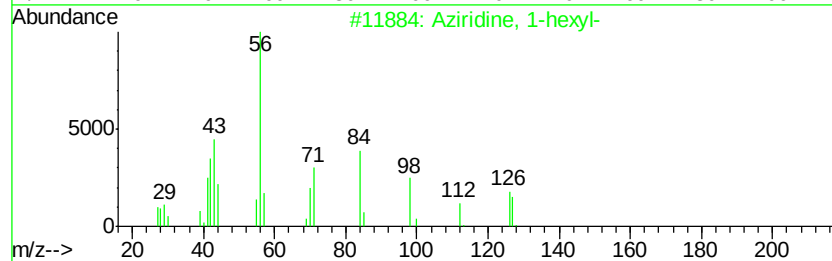
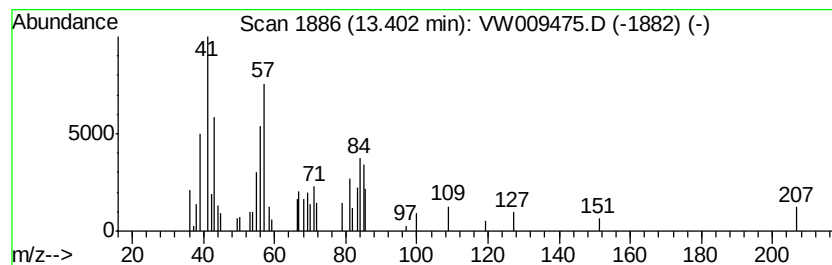
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	1.29 ug/L	16662	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Aziridine, 1-hexyl-	127	C8H17N	030691-59-9	43
2		2,5-Dihydroxyheptane	132	C7H16O2	070444-25-6	35
3		Furan, tetrahydro-2,4-dimethyl-, ...	100	C6H12O	039168-01-9	35
4		Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	35
5		2-Pentanone, 5,5'-oxybis-	186	C10H18O3	093677-66-8	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Hexane, 2,3,4-tri...	9.89	1.5	ug/L	47284	1	8.84	782715	25.0
unknown-01	13.40	1.3	ug/L	16662	3	13.56	323121	25.0