

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV052319\
 Data File : VV011052.D
 Acq On : 24 May 2019 05:03
 Operator : SY/MD
 Sample : K3016-20
 Misc : 4.61G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51D7

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_V\METHOD\SOM2VLM052019S.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	1.309	62	68	77	rVB	36557	34893	10.38%	1.258%
2	1.553	138	144	152	rVB	25293	29334	8.73%	1.057%
3	2.113	309	318	329	rVB2	55722	82443	24.53%	2.972%
4	2.183	329	340	349	rBV	19995	29660	8.83%	1.069%
5	2.312	372	380	389	rBV2	4126	6375	1.90%	0.230%
6	2.454	415	424	436	rBV2	9312	15546	4.63%	0.560%
7	2.695	497	499	501	rBV2	247	104	0.03%	0.004%
8	2.830	536	541	542	rBV2	193	199	0.06%	0.007%
9	2.872	552	554	557	rBV2	132	81	0.02%	0.003%
10	3.396	716	717	720	rBV2	236	113	0.03%	0.004%
11	3.434	724	729	733	rBV2	267	272	0.08%	0.010%
12	3.482	742	744	747	rBV2	144	90	0.03%	0.003%
13	3.585	774	776	777	rBV	192	75	0.02%	0.003%
14	3.598	777	780	783	rVB	178	117	0.03%	0.004%
15	3.618	783	786	787	rBV2	157	96	0.03%	0.003%
16	3.659	797	799	802	rVB	174	95	0.03%	0.003%
17	3.675	802	804	806	rBV	282	143	0.04%	0.005%
18	3.749	811	827	839	rBV4	2468	6185	1.84%	0.223%
19	3.929	871	883	905	rBV	19198	51226	15.24%	1.846%
20	4.142	947	949	953	rBV2	265	179	0.05%	0.006%
21	4.190	961	964	969	rBV2	194	130	0.04%	0.005%
22	4.222	971	974	975	rBV	148	86	0.03%	0.003%
23	4.312	999	1002	1005	rVB2	144	86	0.03%	0.003%
24	4.392	1011	1027	1048	rBV	56644	136242	40.54%	4.911%
25	4.614	1094	1096	1102	rVB2	150	146	0.04%	0.005%
26	4.711	1124	1126	1127	rBV2	117	50	0.01%	0.002%
27	4.775	1143	1146	1151	rBV2	216	273	0.08%	0.010%
28	4.859	1170	1172	1174	rBV	270	132	0.04%	0.005%
29	4.920	1189	1191	1192	rVB	126	46	0.01%	0.002%
30	4.949	1195	1200	1204	rVB	214	182	0.05%	0.007%
31	5.087	1226	1243	1263	rBV2	136347	336087	100.00%	12.114%
32	5.270	1297	1300	1305	rBV3	275	305	0.09%	0.011%
33	5.370	1322	1331	1344	rVB4	2147	3692	1.10%	0.133%
34	5.415	1344	1345	1346	rBV	243	55	0.02%	0.002%

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35	5.441	1351	1353	1355	rBV2	127	64	0.02%	0.002%
36	5.489	1366	1368	1371	rBV2	132	75	0.02%	0.003%
37	5.505	1371	1373	1375	rBV2	206	70	0.02%	0.003%
38	5.576	1386	1395	1404	rBV3	2629	5280	1.57%	0.190%
39	5.659	1407	1421	1442	rBV	122079	241559	71.87%	8.707%
40	5.830	1473	1474	1476	rBV	233	73	0.02%	0.003%
41	5.846	1477	1479	1482	rVV	238	111	0.03%	0.004%
42	5.936	1503	1507	1508	rBV2	433	326	0.10%	0.012%
43	6.113	1548	1562	1578	rBV	81060	164060	48.81%	5.914%
44	6.328	1620	1629	1640	rBV2	13707	24770	7.37%	0.893%
45	6.424	1658	1659	1663	rVB2	375	116	0.03%	0.004%
46	6.553	1696	1699	1701	rVB	160	89	0.03%	0.003%
47	6.617	1716	1719	1722	rBV	192	191	0.06%	0.007%
48	6.695	1736	1743	1751	rBV3	775	1504	0.45%	0.054%
49	6.814	1778	1780	1782	rVB	138	53	0.02%	0.002%
50	6.826	1782	1784	1785	rBV	147	44	0.01%	0.002%
51	6.894	1803	1805	1807	rBV	187	88	0.03%	0.003%
52	7.026	1833	1846	1862	rBV2	38465	67301	20.02%	2.426%
53	7.183	1889	1895	1897	rBV4	880	843	0.25%	0.030%
54	7.264	1918	1920	1923	rBV3	208	139	0.04%	0.005%
55	7.357	1935	1949	1965	rBV	147183	255304	75.96%	9.202%
56	7.543	2004	2007	2010	rBV	322	246	0.07%	0.009%
57	7.559	2010	2012	2014	rBV	122	53	0.02%	0.002%
58	7.617	2026	2030	2031	rBV2	288	220	0.07%	0.008%
59	7.662	2034	2044	2056	rVV	25461	41522	12.35%	1.497%
60	7.749	2064	2071	2080	rVB5	906	1445	0.43%	0.052%
61	7.817	2090	2092	2093	rBV5	174	71	0.02%	0.003%
62	7.981	2133	2143	2154	rBV4	2425	4151	1.24%	0.150%
63	8.061	2166	2168	2173	rBV2	229	133	0.04%	0.005%
64	8.087	2173	2176	2179	rBV2	214	201	0.06%	0.007%
65	8.129	2179	2189	2210	rBV	77192	139128	41.40%	5.015%
66	8.280	2225	2236	2256	rBV	132182	215724	64.19%	7.776%
67	8.633	2343	2346	2348	rBV	126	71	0.02%	0.003%
68	8.653	2349	2352	2356	rBV2	253	198	0.06%	0.007%
69	8.723	2372	2374	2379	rBV	188	206	0.06%	0.007%
70	8.781	2389	2392	2393	rBV	154	70	0.02%	0.003%
71	8.894	2414	2427	2445	rBV	178207	291517	86.74%	10.508%

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72	9.032	2467	2470	2474	rBV2	205	188	0.06%	0.007%
73	9.109	2489	2494	2496	rBV2	322	203	0.06%	0.007%
74	9.125	2496	2499	2502	rVV2	208	131	0.04%	0.005%
75	9.183	2512	2517	2522	rVB3	875	846	0.25%	0.030%
76	9.537	2625	2627	2634	rVB3	682	557	0.17%	0.020%
77	9.588	2637	2643	2646	rBV	672	656	0.20%	0.024%
78	9.698	2673	2677	2678	rBV	212	134	0.04%	0.005%
79	9.813	2710	2713	2715	rBV2	282	165	0.05%	0.006%
80	9.849	2717	2724	2742	rVB5	6697	10716	3.19%	0.386%
81	9.945	2751	2754	2756	rBV	170	133	0.04%	0.005%
82	9.990	2764	2768	2771	rBV2	314	281	0.08%	0.010%
83	10.026	2776	2779	2780	rBV	156	88	0.03%	0.003%
84	10.055	2785	2788	2789	rBV	131	78	0.02%	0.003%
85	10.260	2841	2852	2870	rVB	102383	161357	48.01%	5.816%
86	10.376	2884	2888	2892	rBV2	308	312	0.09%	0.011%
87	10.421	2893	2902	2912	rVB2	4922	7901	2.35%	0.285%
88	10.550	2937	2942	2953	rBV6	1386	2365	0.70%	0.085%
89	10.752	3000	3005	3016	rBV5	1119	1889	0.56%	0.068%
90	10.804	3017	3021	3023	rBV2	630	468	0.14%	0.017%
91	10.923	3056	3058	3059	rBV2	247	78	0.02%	0.003%
92	10.945	3061	3065	3067	rBV2	634	591	0.18%	0.021%
93	11.196	3135	3143	3157	rBV4	4799	7063	2.10%	0.255%
94	11.292	3162	3173	3190	rBV	116276	187677	55.84%	6.765%
95	11.492	3233	3235	3236	rBV	268	99	0.03%	0.004%
96	11.575	3252	3261	3277	rVB4	5704	9143	2.72%	0.330%
97	11.672	3279	3291	3306	rVV	108729	172316	51.27%	6.211%
98	12.051	3404	3409	3416	rVB4	1937	2401	0.71%	0.087%
99	12.392	3508	3515	3522	rBV3	3410	4419	1.31%	0.159%
100	14.090	4032	4043	4058	rBV2	5563	10311	3.07%	0.372%

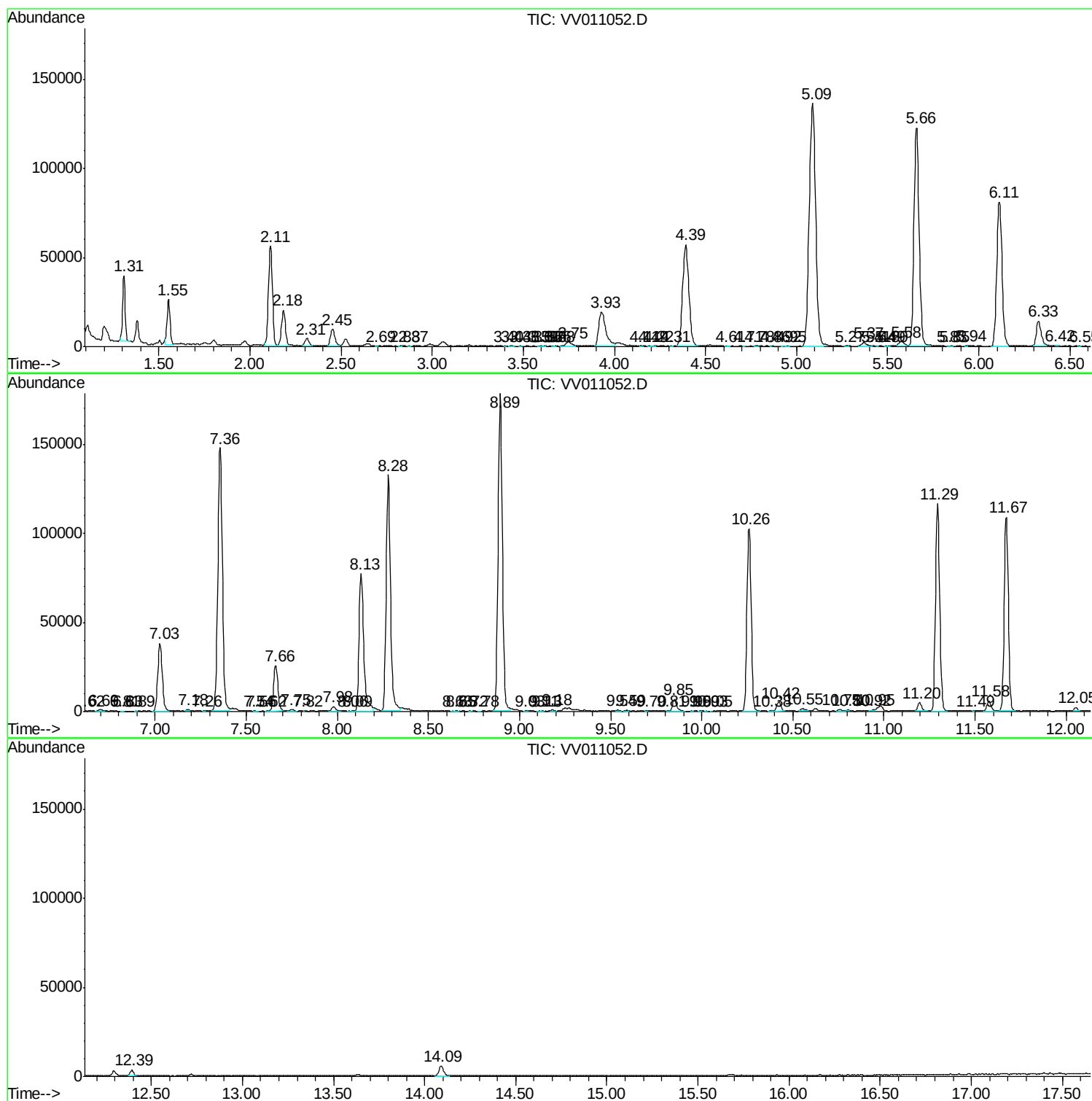
Sum of corrected areas: 2774320

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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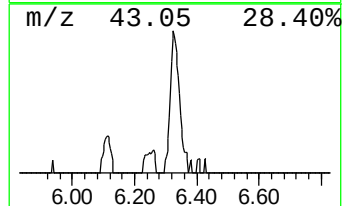
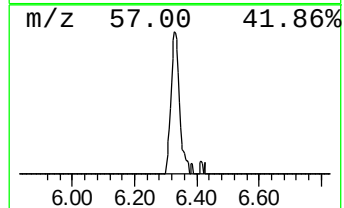
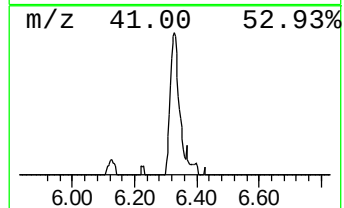
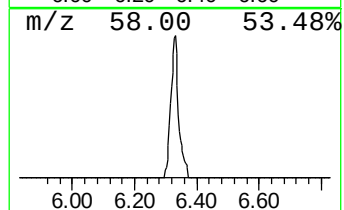
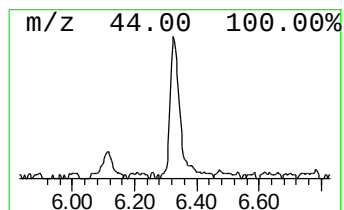
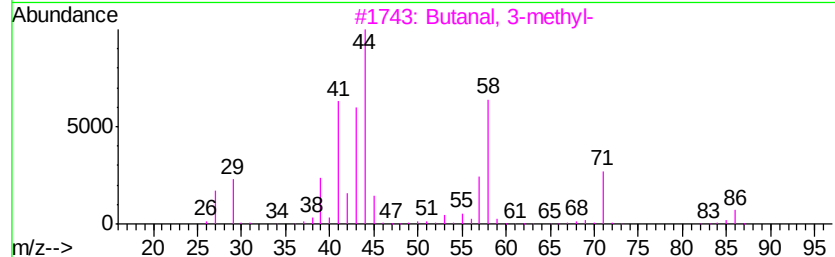
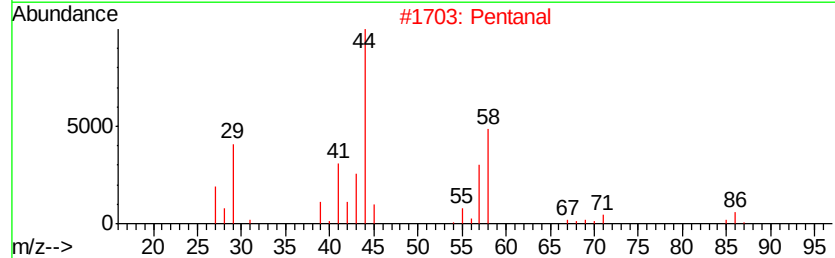
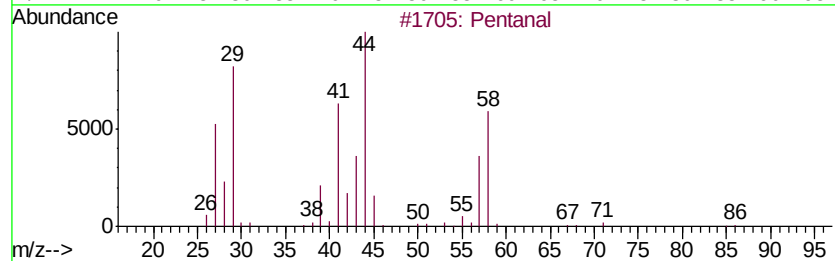
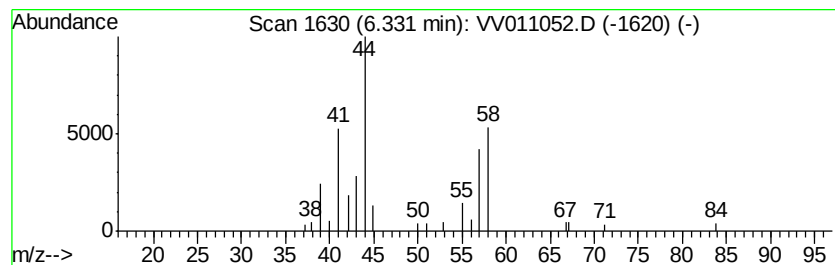
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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

Peak Number 1 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	2.56 ug/L	24770	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	56
2	Pentanal			86	C5H10O	000110-62-3	40
3	Butanal, 3-methyl-			86	C5H10O	000590-86-3	39
4	Acetamide, 2-cyano-			84	C3H4N2O	000107-91-5	32
5	Butanal, 3-methyl-			86	C5H10O	000590-86-3	28



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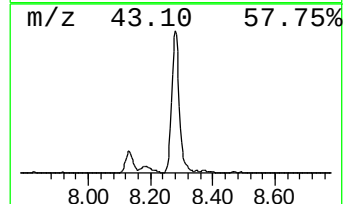
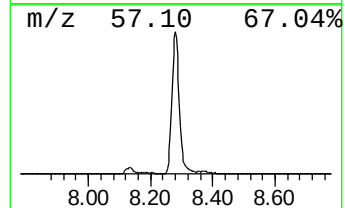
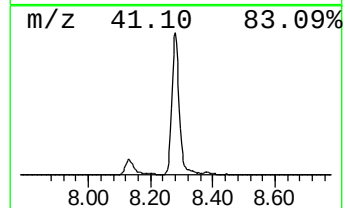
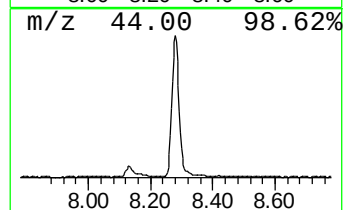
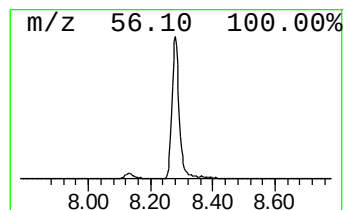
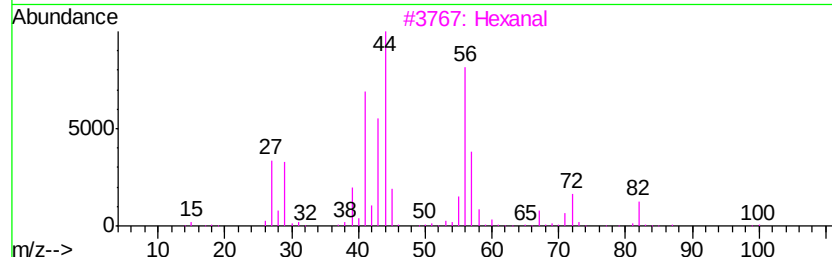
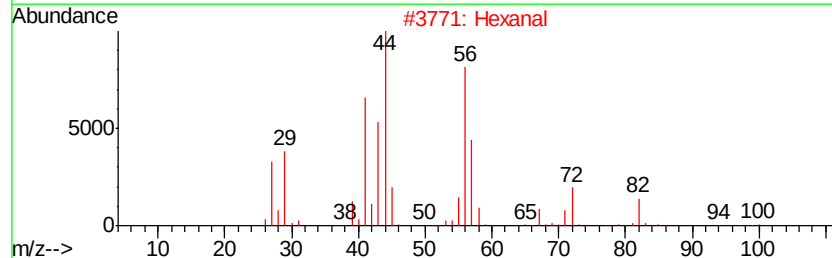
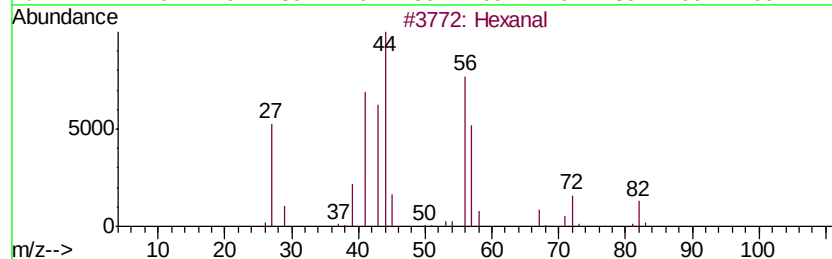
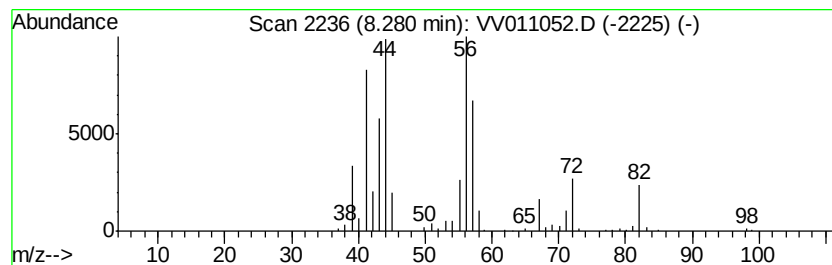
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	18.50 ug/L	215724	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	86
2		Hexanal	100	C6H12O	000066-25-1	78
3		Hexanal	100	C6H12O	000066-25-1	72
4		Hexanal	100	C6H12O	000066-25-1	53
5		Glutaraldehyde	100	C5H8O2	000111-30-8	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentanal	6.33	2.6	ug/L	24770	1	5.66	241559	25.0
Hexanal	8.28	18.5	ug/L	215724	2	8.89	291517	25.0