

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\
 Data File : VV010779.D
 Acq On : 09 May 2019 20:49
 Operator : SY/MD
 Sample : K2690-14RE
 Misc : 5.04G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A5160RE

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\SOM2VLM050719S.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	2.383	400	402	405	rBV	157	126	0.03%	0.005%
2	2.537	442	450	459	rVB5	2266	3791	0.78%	0.153%
3	2.730	508	510	514	rBB	212	164	0.03%	0.007%
4	2.769	518	522	527	rBB	156	208	0.04%	0.008%
5	2.833	540	542	545	rBB	149	101	0.02%	0.004%
6	2.891	557	560	563	rBB	217	103	0.02%	0.004%
7	2.910	564	566	569	rBB	146	103	0.02%	0.004%
8	2.981	586	588	589	rBV	686	278	0.06%	0.011%
9	3.039	604	606	609	rBB	137	92	0.02%	0.004%
10	3.061	610	613	615	rBV	324	192	0.04%	0.008%
11	3.119	627	631	634	rBB	179	157	0.03%	0.006%
12	3.180	647	650	653	rBV	317	183	0.04%	0.007%
13	3.315	690	692	693	rBV	207	82	0.02%	0.003%
14	3.364	702	707	708	rBV	228	143	0.03%	0.006%
15	3.405	717	720	723	rBB	158	126	0.03%	0.005%
16	3.450	731	734	736	rBV	265	167	0.03%	0.007%
17	3.524	755	757	760	rBV	189	141	0.03%	0.006%
18	3.569	768	771	773	rBV	230	161	0.03%	0.007%
19	3.643	791	794	798	rBB	173	132	0.03%	0.005%
20	3.679	802	805	807	rBB	246	110	0.02%	0.004%
21	3.749	819	827	843	rVB4	3036	6844	1.42%	0.277%
22	3.868	860	864	867	rBB2	273	203	0.04%	0.008%
23	4.225	972	975	976	rBV	230	133	0.03%	0.005%
24	4.283	988	993	995	rBB	154	127	0.03%	0.005%
25	4.309	999	1001	1003	rBV	146	104	0.02%	0.004%
26	4.399	1012	1029	1052	rBV2	58175	139126	28.81%	5.625%
27	4.637	1100	1103	1106	rBB	186	143	0.03%	0.006%
28	4.666	1109	1112	1114	rBB	245	135	0.03%	0.005%
29	4.688	1117	1119	1121	rBV	221	108	0.02%	0.004%
30	4.720	1126	1129	1132	rBB	156	125	0.03%	0.005%
31	4.830	1162	1163	1165	rBV	320	111	0.02%	0.004%
32	4.888	1177	1181	1184	rBB	309	225	0.05%	0.009%
33	4.920	1189	1191	1194	rBV	145	119	0.02%	0.005%
34	5.093	1227	1245	1270	rBV2	128304	324246	67.14%	13.109%

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 Title : VOC Analysis

35	5.441	1351	1353	1355	rBV	219	112	0.02%	0.005%
36	5.476	1361	1364	1366	rBV2	252	184	0.04%	0.007%
37	5.579	1392	1396	1400	rBV3	364	334	0.07%	0.014%
38	5.663	1409	1422	1443	rBV	97058	194153	40.20%	7.849%
39	5.900	1492	1496	1498	rBV	258	200	0.04%	0.008%
40	5.962	1503	1515	1529	rVB4	10091	18716	3.88%	0.757%
41	6.036	1536	1538	1540	rBB	165	85	0.02%	0.003%
42	6.058	1541	1545	1546	rBV	134	97	0.02%	0.004%
43	6.116	1550	1563	1579	rBV	78530	156577	32.42%	6.330%
44	6.328	1618	1629	1642	rBV2	26323	50217	10.40%	2.030%
45	6.634	1723	1724	1726	rBV	220	88	0.02%	0.004%
46	6.749	1757	1760	1762	rBB2	248	177	0.04%	0.007%
47	6.781	1768	1770	1773	rBB	243	131	0.03%	0.005%
48	6.891	1801	1804	1808	rBB	305	206	0.04%	0.008%
49	6.933	1812	1817	1820	rBB2	270	249	0.05%	0.010%
50	6.971	1826	1829	1832	rBB2	255	164	0.03%	0.007%
51	7.029	1835	1847	1868	rBV2	40938	74630	15.45%	3.017%
52	7.183	1892	1895	1896	rBV	287	179	0.04%	0.007%
53	7.251	1913	1916	1917	rBV	214	102	0.02%	0.004%
54	7.357	1935	1949	1968	rBV	121493	225821	46.76%	9.130%
55	7.662	2030	2044	2057	rBV2	26685	44721	9.26%	1.808%
56	7.772	2075	2078	2082	rBV	197	213	0.04%	0.009%
57	7.900	2116	2118	2120	rBB	169	86	0.02%	0.003%
58	7.978	2133	2142	2145	rBV4	1501	2062	0.43%	0.083%
59	8.132	2177	2190	2204	rBV	56347	96204	19.92%	3.889%
60	8.280	2227	2236	2263	rVB	298907	482942	100.00%	19.525%
61	8.466	2292	2294	2295	rBV	336	115	0.02%	0.005%
62	8.537	2310	2316	2320	rBV	189	264	0.05%	0.011%
63	8.601	2333	2336	2337	rBV	255	142	0.03%	0.006%
64	8.688	2360	2363	2365	rBV	182	156	0.03%	0.006%
65	8.814	2399	2402	2404	rBV	181	138	0.03%	0.006%
66	8.894	2416	2427	2463	rBV	135002	234440	48.54%	9.478%
67	9.116	2490	2496	2500	rBB	207	251	0.05%	0.010%
68	9.151	2503	2507	2509	rBB	258	168	0.03%	0.007%
69	9.177	2510	2515	2516	rBV	386	257	0.05%	0.010%
70	9.244	2534	2536	2537	rBV	253	103	0.02%	0.004%
71	9.354	2566	2570	2577	rBV3	1034	1334	0.28%	0.054%

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72	9.408	2583	2587	2590	rBB2	222	183	0.04%	0.007%
73	9.437	2590	2596	2598	rBV	176	215	0.04%	0.009%
74	9.498	2612	2615	2618	rBB	127	111	0.02%	0.004%
75	9.521	2619	2622	2624	rBV2	270	213	0.04%	0.009%
76	9.585	2638	2642	2644	rBV2	610	474	0.10%	0.019%
77	9.624	2652	2654	2657	rBB	266	163	0.03%	0.007%
78	9.656	2662	2664	2666	rBV	126	91	0.02%	0.004%
79	9.688	2671	2674	2675	rBV	114	84	0.02%	0.003%
80	9.723	2682	2685	2686	rBV	127	90	0.02%	0.004%
81	9.746	2688	2692	2694	rBV2	355	247	0.05%	0.010%
82	9.817	2711	2714	2716	rBV	174	155	0.03%	0.006%
83	9.855	2718	2726	2733	rBV5	3090	4678	0.97%	0.189%
84	9.945	2748	2754	2762	rVV4	1621	2142	0.44%	0.087%
85	10.106	2798	2804	2807	rBV	187	262	0.05%	0.011%
86	10.186	2827	2829	2831	rBV	127	86	0.02%	0.003%
87	10.260	2841	2852	2868	rVB	73321	114604	23.73%	4.633%
88	10.338	2872	2876	2879	rBV	165	180	0.04%	0.007%
89	10.502	2925	2927	2929	rBV	354	132	0.03%	0.005%
90	10.566	2941	2947	2955	rBV3	1163	1401	0.29%	0.057%
91	10.762	3002	3008	3015	rBV3	937	1212	0.25%	0.049%
92	10.932	3058	3061	3063	rBV2	381	292	0.06%	0.012%
93	11.296	3163	3174	3189	rBV	82771	137568	28.49%	5.562%
94	11.579	3253	3262	3268	rBV3	2006	2971	0.62%	0.120%
95	11.672	3280	3291	3306	rBV	85752	140687	29.13%	5.688%
96	11.871	3352	3353	3356	rBV	212	100	0.02%	0.004%
97	12.125	3430	3432	3434	rBV	249	126	0.03%	0.005%
98	12.540	3554	3561	3563	rBV	212	277	0.06%	0.011%
99	12.778	3634	3635	3638	rBV	326	198	0.04%	0.008%
100	15.460	4467	4469	4472	rBV2	405	219	0.05%	0.009%

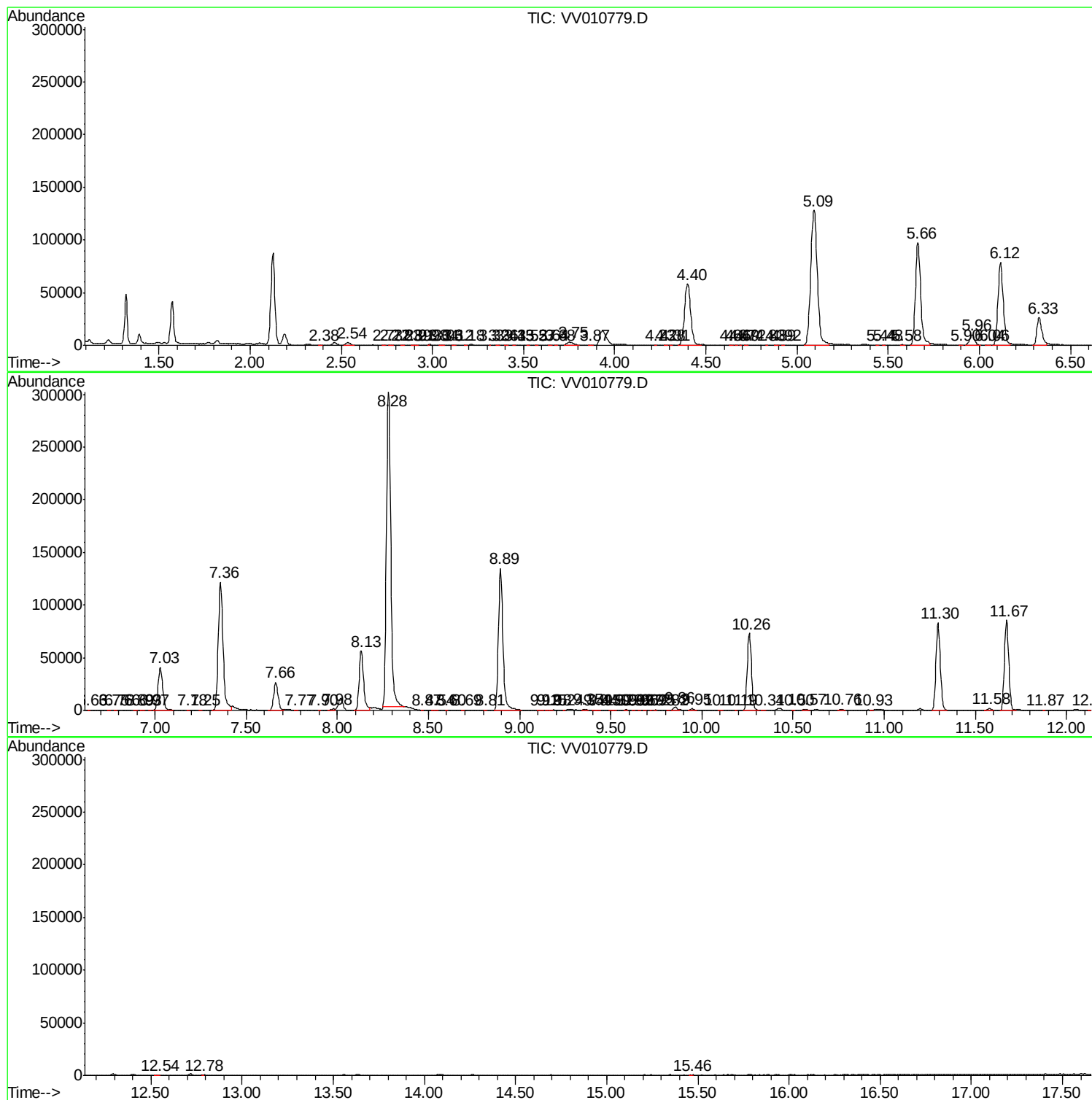
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Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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



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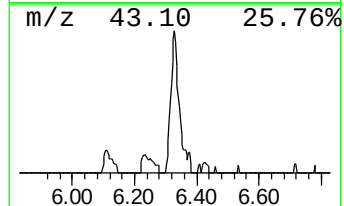
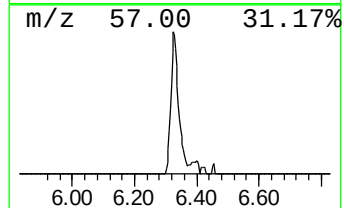
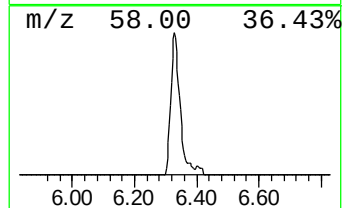
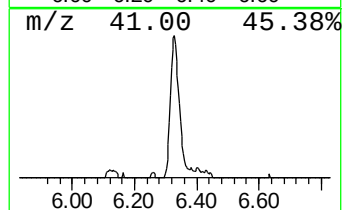
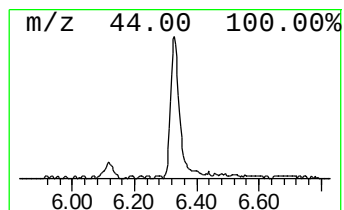
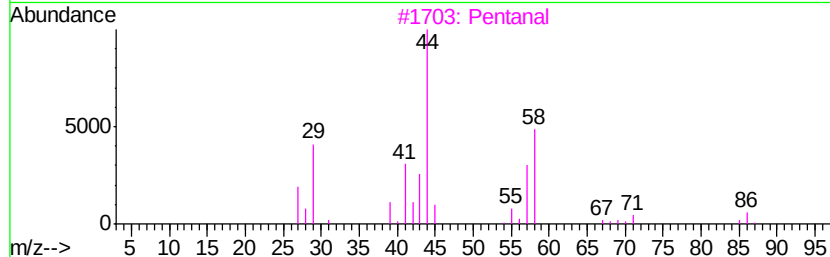
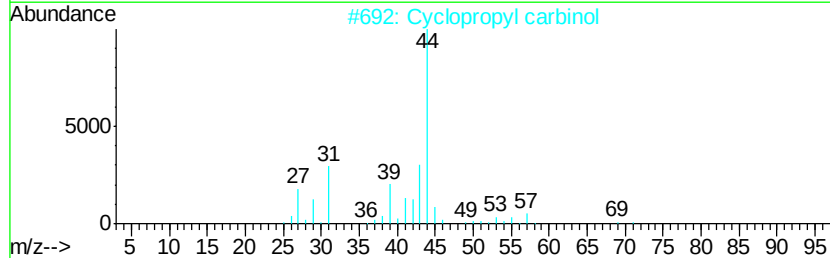
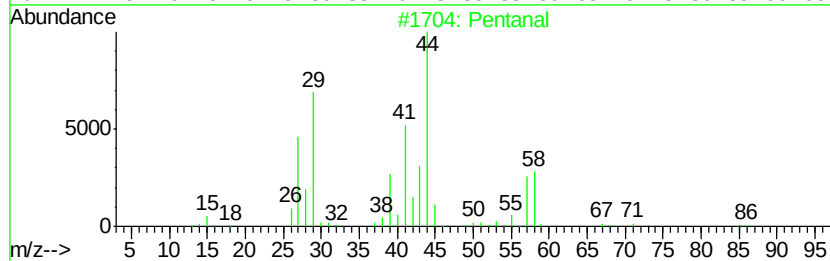
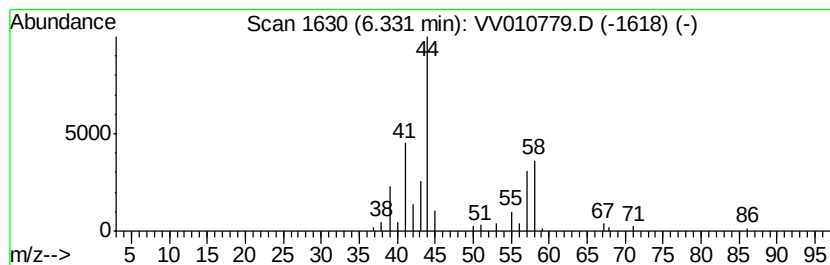
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis

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	6.47 ug/L	50217	1,4-Difluorobenzene	5.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanal	86	C5H10O	000110-62-3	90
2			Cyclopropyl carbinol	72	C4H8O	002516-33-8	45
3			Pentanal	86	C5H10O	000110-62-3	40
4			Butanal, 3-methyl-	86	C5H10O	000590-86-3	38
5			Cyclopropyl carbinol	72	C4H8O	002516-33-8	33



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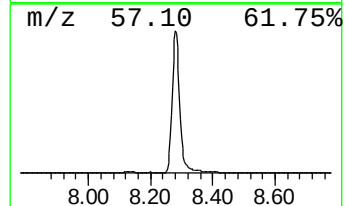
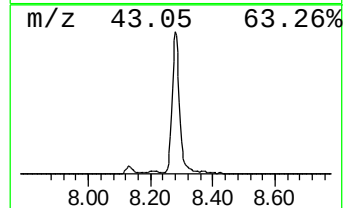
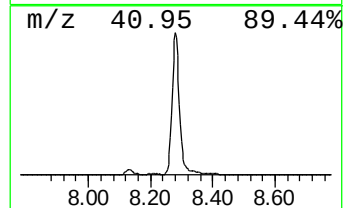
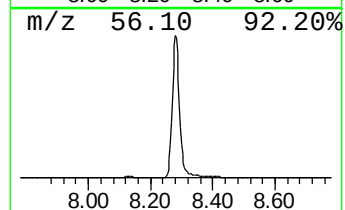
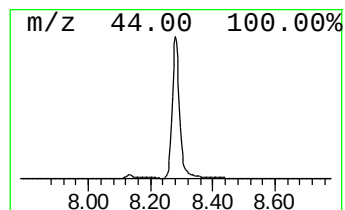
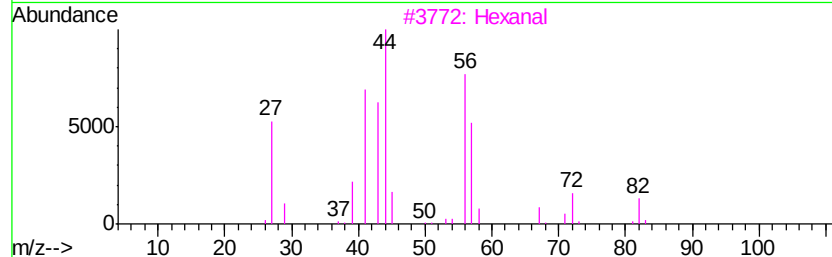
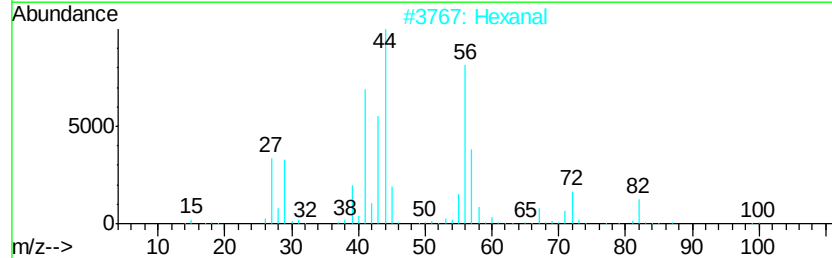
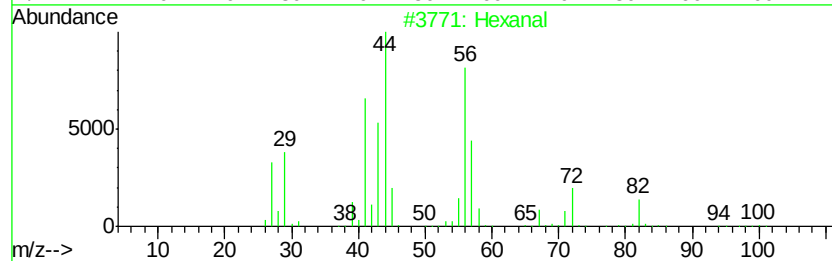
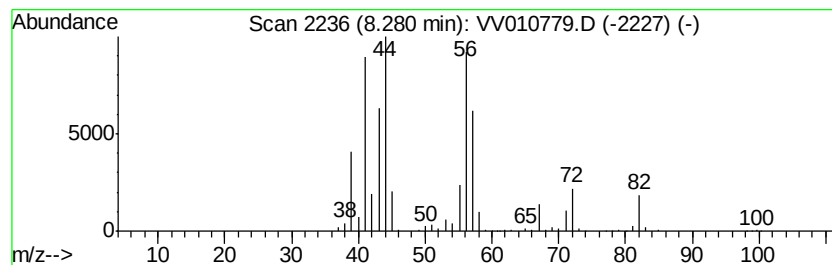
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	51.50 ug/L	482942	Chlorobenzene-d5	8.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	83
2		Hexanal	100	C6H12O	000066-25-1	81
3		Hexanal	100	C6H12O	000066-25-1	72
4		Hexanal	100	C6H12O	000066-25-1	64
5		Butanal	72	C4H8O	000123-72-8	43



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentanal	6.33	6.5	ug/L	50217	1	5.66	194153	25.0
Hexanal	8.28	51.5	ug/L	482942	2	8.89	234440	25.0