

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV053119\
 Data File : VV011184.D
 Acq On : 31 May 2019 18:09
 Operator : SY/MD
 Sample : K3083-05
 Misc : 4.49G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A51F8

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\SOM2VLM053019S.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	1.312	64	69	77	rVB	186040	172084	13.80%	1.730%
2	1.386	88	92	99	rVB	66601	61675	4.95%	0.620%
3	1.569	144	149	160	rVB	136547	156776	12.57%	1.576%
4	2.119	312	320	331	rVB2	311241	450154	36.11%	4.524%
5	2.187	334	341	353	rVB	145225	207351	16.63%	2.084%
6	3.180	649	650	651	rBV	774	208	0.02%	0.002%
7	3.293	683	685	687	rBV2	1240	756	0.06%	0.008%
8	3.354	703	704	708	rVB4	846	363	0.03%	0.004%
9	3.370	708	709	710	rBV	779	213	0.02%	0.002%
10	3.412	719	722	723	rBV3	960	621	0.05%	0.006%
11	3.444	729	732	738	rBV5	1242	1172	0.09%	0.012%
12	3.518	754	755	756	rBV	554	119	0.01%	0.001%
13	3.544	760	763	764	rBV3	788	419	0.03%	0.004%
14	3.592	777	778	780	rBV2	746	340	0.03%	0.003%
15	3.659	797	799	802	rBV2	822	514	0.04%	0.005%
16	3.682	805	806	807	rVV	890	236	0.02%	0.002%
17	3.691	807	809	811	rVB3	760	344	0.03%	0.003%
18	3.746	819	826	842	rVB4	14812	31373	2.52%	0.315%
19	3.846	854	857	860	rBV5	1453	945	0.08%	0.009%
20	3.933	875	884	906	rBV2	46627	112589	9.03%	1.132%
21	4.264	985	987	988	rVB2	673	189	0.02%	0.002%
22	4.283	991	993	994	rBV	758	296	0.02%	0.003%
23	4.396	1012	1028	1051	rBV	207306	500496	40.14%	5.030%
24	4.801	1152	1154	1158	rBV4	764	527	0.04%	0.005%
25	4.868	1173	1175	1176	rBV2	596	223	0.02%	0.002%
26	4.891	1181	1182	1183	rBV	696	259	0.02%	0.003%
27	4.910	1187	1188	1189	rBV	440	87	0.01%	0.001%
28	4.929	1189	1194	1195	rBV4	1587	1218	0.10%	0.012%
29	4.961	1201	1204	1208	rVB6	954	924	0.07%	0.009%
30	4.978	1208	1209	1211	rBV2	374	186	0.01%	0.002%
31	4.997	1211	1215	1217	rBV5	1015	688	0.06%	0.007%
32	5.023	1221	1223	1224	rBV	683	248	0.02%	0.002%
33	5.090	1224	1244	1273	rBV3	506669	1246777	100.00%	12.531%
34	5.370	1322	1331	1342	rBV4	12004	25923	2.08%	0.261%

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35	5.659	1409	1421	1443	rBV	423394	851872	68.33%	8.562%
36	5.955	1504	1513	1532	rVB2	126924	251347	20.16%	2.526%
37	6.116	1551	1563	1585	rVB	285765	571716	45.86%	5.746%
38	6.328	1620	1629	1650	rBV	69149	131924	10.58%	1.326%
39	6.550	1695	1698	1703	rVB4	1510	1167	0.09%	0.012%
40	6.576	1703	1706	1709	rBV4	869	613	0.05%	0.006%
41	6.756	1760	1762	1766	rBV5	991	681	0.05%	0.007%
42	6.810	1773	1779	1781	rBV6	1572	1336	0.11%	0.013%
43	6.823	1781	1783	1786	rVB5	1104	594	0.05%	0.006%
44	6.839	1786	1788	1794	rBV7	765	781	0.06%	0.008%
45	6.865	1794	1796	1799	rBV2	1086	701	0.06%	0.007%
46	6.904	1806	1808	1810	rBV3	533	225	0.02%	0.002%
47	6.955	1820	1824	1826	rBV4	1576	1118	0.09%	0.011%
48	7.026	1834	1846	1864	rBV	161876	287083	23.03%	2.885%
49	7.357	1939	1949	1965	rVB	557990	944568	75.76%	9.493%
50	7.662	2034	2044	2061	rBV	100016	166213	13.33%	1.671%
51	8.132	2177	2190	2205	rBV	176523	307980	24.70%	3.095%
52	8.280	2226	2236	2259	rBV	402486	658417	52.81%	6.617%
53	8.518	2308	2310	2313	rVB4	1223	466	0.04%	0.005%
54	8.656	2350	2353	2357	rBV4	789	567	0.05%	0.006%
55	8.694	2363	2365	2366	rBV2	918	384	0.03%	0.004%
56	8.817	2401	2403	2406	rBV4	1006	581	0.05%	0.006%
57	8.894	2416	2427	2454	rVB	592650	967173	77.57%	9.721%
58	9.177	2505	2515	2525	rBV2	10322	19650	1.58%	0.197%
59	9.463	2602	2604	2606	rBV3	1475	603	0.05%	0.006%
60	9.527	2617	2624	2637	rBV7	11646	25504	2.05%	0.256%
61	9.852	2718	2725	2740	rVB2	24941	40057	3.21%	0.403%
62	10.260	2833	2852	2868	rBV	216459	350755	28.13%	3.525%
63	10.624	2959	2965	2978	rVB3	8592	15091	1.21%	0.152%
64	11.132	3119	3123	3124	rBV3	4510	3127	0.25%	0.031%
65	11.196	3136	3143	3162	rVB5	22338	40921	3.28%	0.411%
66	11.292	3162	3173	3190	rBV	420716	684982	54.94%	6.884%
67	11.579	3253	3262	3264	rBV8	5024	6211	0.50%	0.062%
68	11.672	3280	3291	3305	rBV	343359	557192	44.69%	5.600%
69	12.206	3455	3457	3460	rBV4	1018	559	0.04%	0.006%
70	12.392	3507	3515	3528	rBV4	18945	32634	2.62%	0.328%
71	12.543	3558	3562	3567	rVB8	1435	1517	0.12%	0.015%

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72	12.681	3602	3605	3606	rBV3	1167	782	0.06%	0.008%
73	12.778	3631	3635	3638	rBV4	3632	3577	0.29%	0.036%
74	12.974	3694	3696	3698	rBV3	1662	826	0.07%	0.008%
75	13.000	3701	3704	3710	rVV7	1981	1838	0.15%	0.018%
76	13.080	3726	3729	3732	rBV4	1091	821	0.07%	0.008%
77	13.279	3787	3791	3794	rBV5	1720	1331	0.11%	0.013%
78	13.321	3794	3804	3807	rVB10	1694	2891	0.23%	0.029%
79	13.363	3816	3817	3819	rBV2	963	525	0.04%	0.005%
80	13.431	3836	3838	3842	rVB4	2332	1601	0.13%	0.016%
81	13.450	3842	3844	3845	rBV2	486	142	0.01%	0.001%
82	13.607	3890	3893	3896	rBV2	1387	981	0.08%	0.010%
83	13.890	3977	3981	3985	rBV6	1310	975	0.08%	0.010%
84	13.913	3985	3988	3993	rVB7	1394	1301	0.10%	0.013%
85	13.942	3995	3997	4006	rVB9	1807	2048	0.16%	0.021%
86	13.984	4006	4010	4012	rBV4	1359	955	0.08%	0.010%
87	13.996	4012	4014	4015	rBV2	504	144	0.01%	0.001%
88	14.090	4033	4043	4051	rBV2	14032	24501	1.97%	0.246%
89	14.746	4245	4247	4249	rBV3	1401	703	0.06%	0.007%
90	14.791	4258	4261	4263	rBV2	1378	742	0.06%	0.007%
91	14.804	4263	4265	4267	rBV3	735	460	0.04%	0.005%

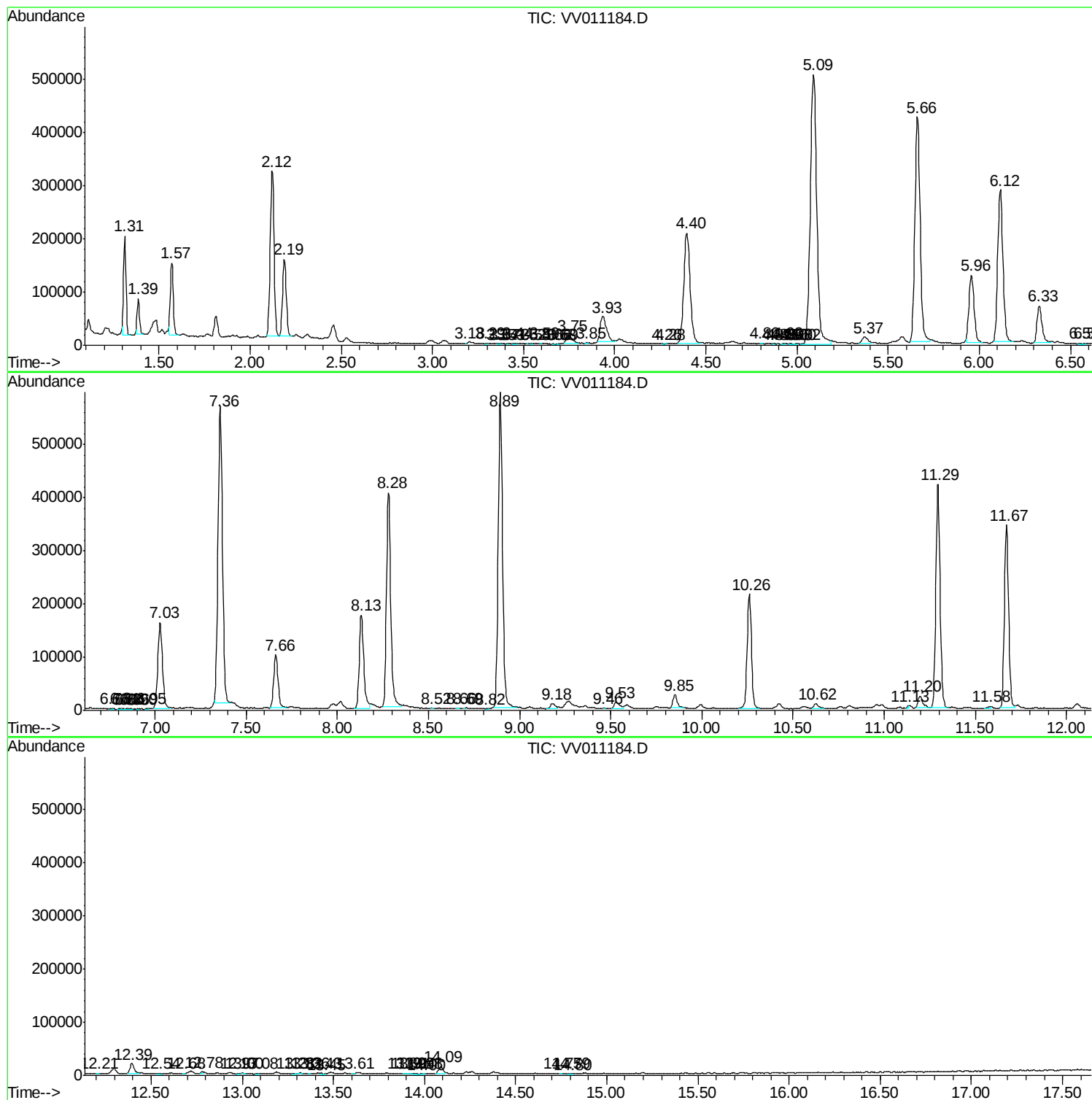
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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



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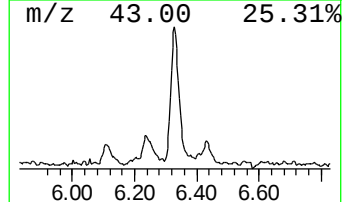
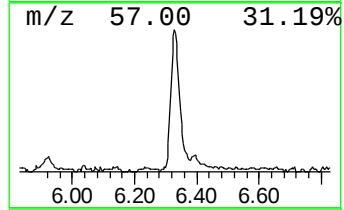
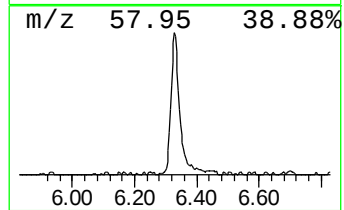
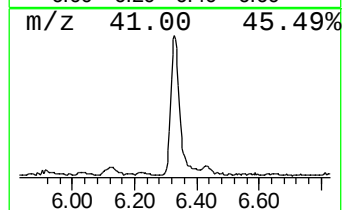
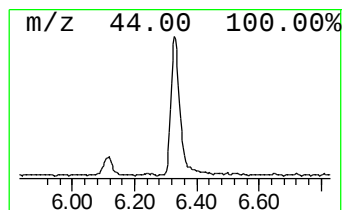
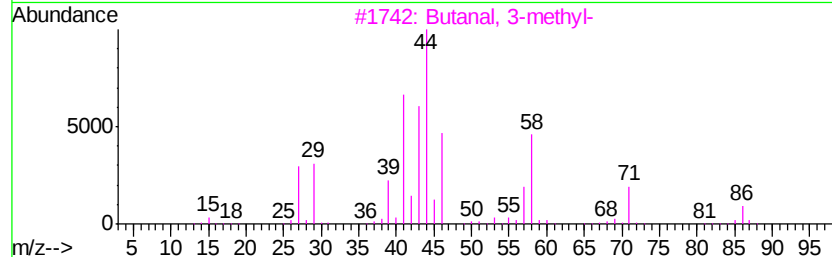
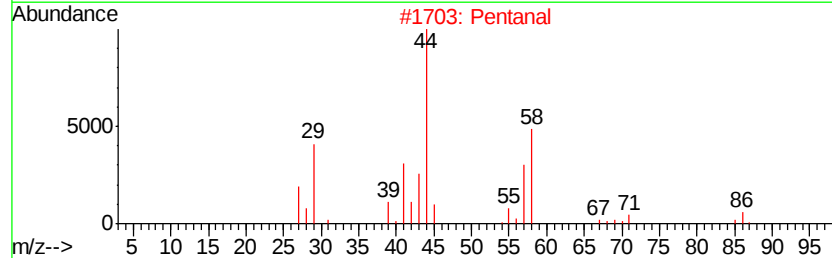
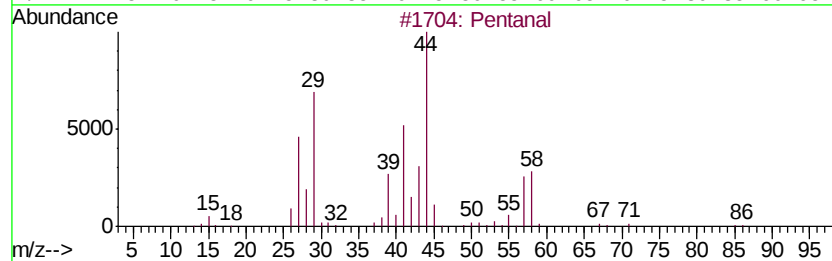
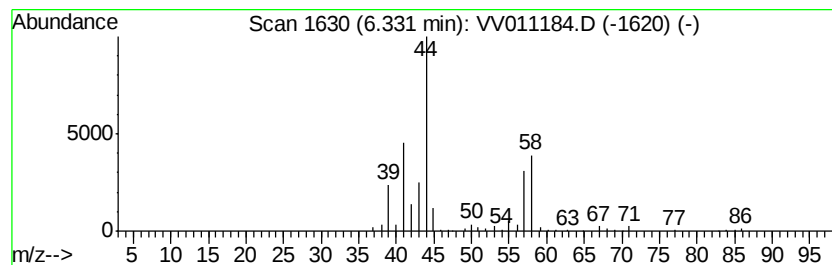
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM053019S.M
Quant Title : VOC Analysis

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

Peak Number 2 Pentanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.33	3.87 ug/L	131924	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanal	86	C5H10O	000110-62-3	80
2		Pentanal	86	C5H10O	000110-62-3	78
3		Butanal, 3-methyl-	86	C5H10O	000590-86-3	64
4		Pentanal	86	C5H10O	000110-62-3	58
5		Cyclopropyl carbinol	72	C4H8O	002516-33-8	40



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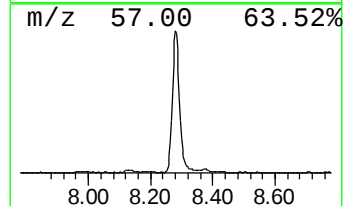
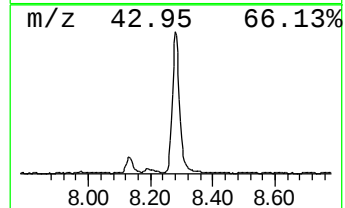
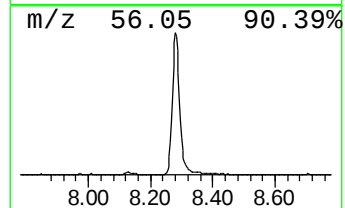
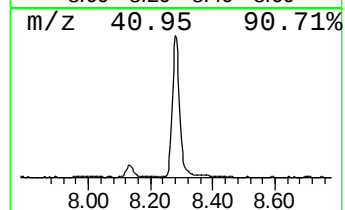
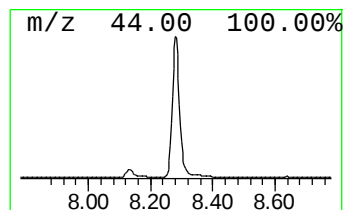
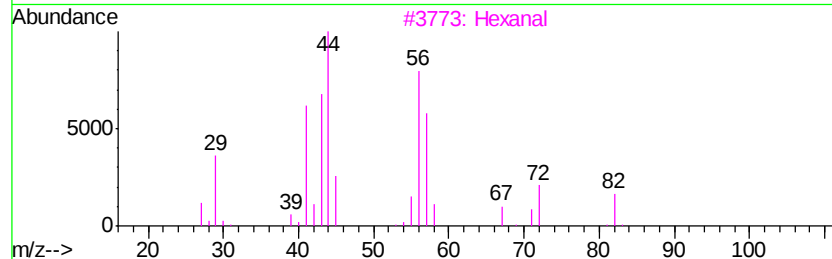
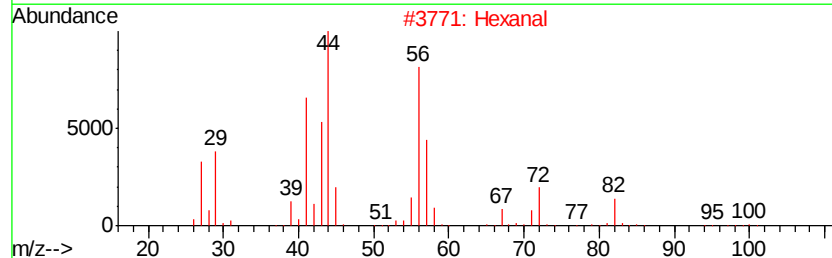
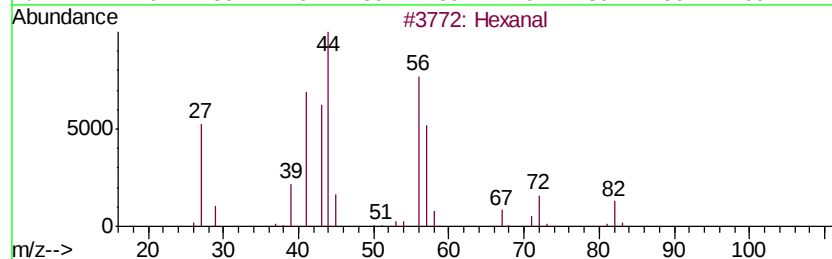
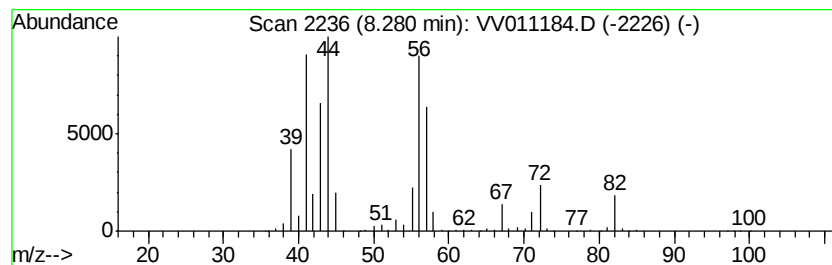
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Quant Title : VOC Analysis

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

Peak Number 4 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	17.02 ug/L	658417	Chlorobenzene-d5	8.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	72
2	Hexanal		100	C6H12O	000066-25-1	72
3	Hexanal		100	C6H12O	000066-25-1	64
4	Hexanal		100	C6H12O	000066-25-1	64
5	Glutaraldehyde		100	C5H8O2	000111-30-8	30



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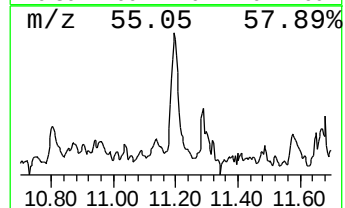
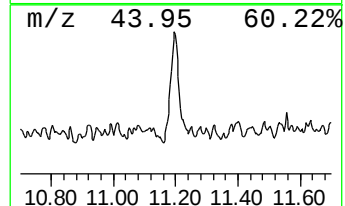
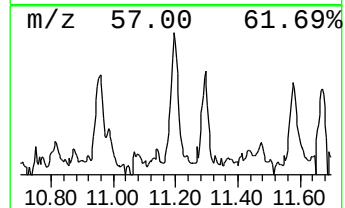
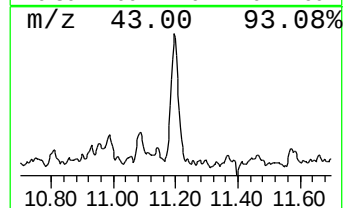
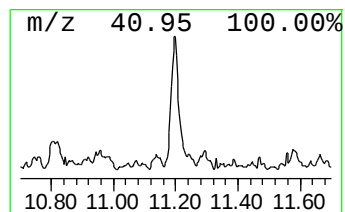
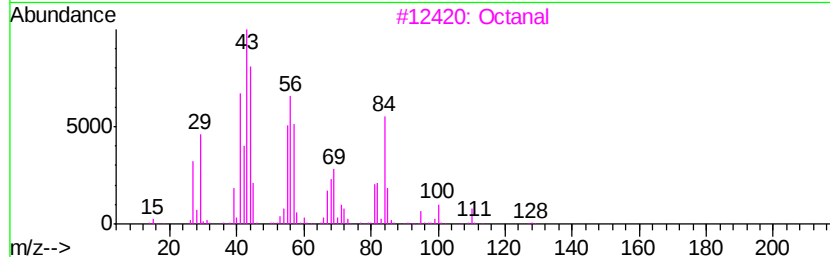
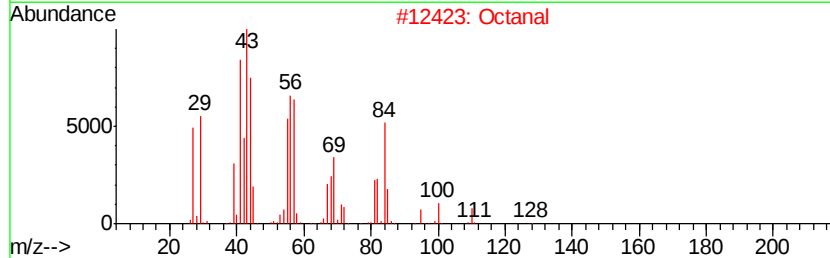
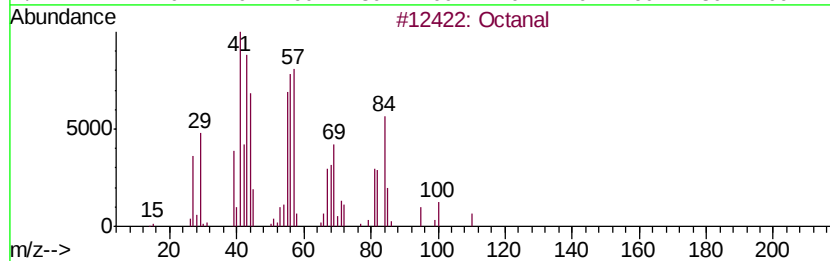
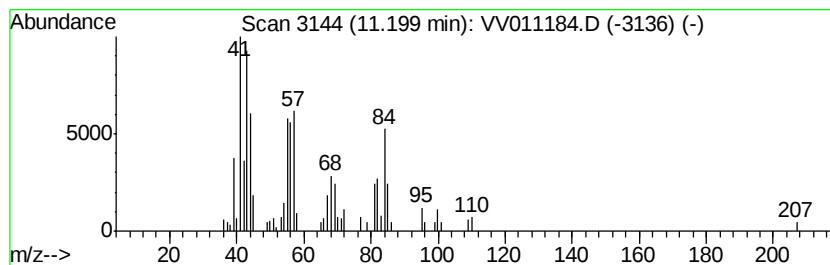
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Quant Title : VOC Analysis

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

Peak Number 5 Octanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	1.49 ug/L	40921	1,4-Dichlorobenzene-d4	11.30

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanal		128	C8H16O	000124-13-0	91
2	Octanal		128	C8H16O	000124-13-0	80
3	Octanal		128	C8H16O	000124-13-0	80
4	Octanal		128	C8H16O	000124-13-0	80
5	Octanal		128	C8H16O	000124-13-0	78



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentanal	6.33	3.9	ug/L	131924	1	5.66	851872	25.0
Hexanal	8.28	17.0	ug/L	658417	2	8.89	967173	25.0
Octanal	11.20	1.5	ug/L	40921	3	11.30	684982	25.0