

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072219\
 Data File : VW011428.D
 Acq On : 22 Jul 2019 19:04
 Operator : SY/VA
 Sample : K3863-12
 Misc : 5.62G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52F2

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\SOM2WLM072219S.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	1.953	6	8	9	rBV	6605	5974	0.35%	0.048%
2	1.989	11	14	23	rVB	17630	34437	2.01%	0.276%
3	2.148	37	40	45	rBV3	5610	9198	0.54%	0.074%
4	2.349	67	73	85	rBV	128607	237125	13.83%	1.897%
5	2.495	92	97	105	rBV	14964	32675	1.91%	0.261%
6	2.885	154	161	174	rBV	75363	193787	11.30%	1.550%
7	3.269	220	224	225	rBV3	1122	1734	0.10%	0.014%
8	3.385	236	243	251	rVB	6708	15595	0.91%	0.125%
9	3.580	273	275	279	rVB3	780	878	0.05%	0.007%
10	3.733	295	300	303	rVV5	1142	1997	0.12%	0.016%
11	3.855	316	320	322	rBV5	2279	4053	0.24%	0.032%
12	4.019	334	347	358	rBV	196436	651685	38.01%	5.214%
13	4.123	359	364	379	rVB	30413	90030	5.25%	0.720%
14	4.269	384	388	396	rVB3	2467	6228	0.36%	0.050%
15	4.385	404	407	413	rBV6	1535	3052	0.18%	0.024%
16	4.672	444	454	464	rBV	4058	12481	0.73%	0.100%
17	4.836	478	481	483	rBV	475	788	0.05%	0.006%
18	4.916	483	494	504	rBV4	4474	16355	0.95%	0.131%
19	5.141	527	531	532	rBV2	480	797	0.05%	0.006%
20	5.239	545	547	551	rVB4	578	731	0.04%	0.006%
21	5.531	590	595	599	rBV4	404	793	0.05%	0.006%
22	5.787	628	637	645	rVV4	4630	14388	0.84%	0.115%
23	5.934	659	661	672	rVB7	2536	5758	0.34%	0.046%
24	6.104	683	689	695	rBV8	1534	4416	0.26%	0.035%
25	6.592	766	769	772	rBV5	604	882	0.05%	0.007%
26	6.897	809	819	830	rBV2	14895	44779	2.61%	0.358%
27	7.080	839	849	874	rBV	69389	234555	13.68%	1.876%
28	7.452	906	910	914	rVB5	551	793	0.05%	0.006%
29	7.647	930	942	954	rBV	271242	667793	38.95%	5.342%
30	7.769	958	962	964	rVV3	749	951	0.06%	0.008%
31	7.787	964	965	969	rVB4	955	873	0.05%	0.007%
32	7.885	978	981	983	rBV3	505	644	0.04%	0.005%
33	7.939	983	990	996	rBV10	1242	3038	0.18%	0.024%
34	8.275	1034	1045	1062	rBV2	577477	1714343	100.00%	13.715%

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35	8.549	1083	1090	1099	rVV2	10881	25367	1.48%	0.203%
36	8.714	1107	1117	1125	rVB3	7521	19308	1.13%	0.154%
37	8.842	1128	1138	1150	rBV	530132	1025734	59.83%	8.206%
38	9.049	1169	1172	1174	rBV3	1532	2221	0.13%	0.018%
39	9.086	1174	1178	1186	rVB4	6925	14726	0.86%	0.118%
40	9.274	1199	1209	1219	rBV	404253	819025	47.77%	6.552%
41	9.409	1224	1231	1243	rVB	44406	88385	5.16%	0.707%
42	9.652	1267	1271	1272	rBV3	1291	1490	0.09%	0.012%
43	9.872	1301	1307	1310	rBV4	637	1562	0.09%	0.012%
44	9.957	1319	1321	1323	rBV2	662	791	0.05%	0.006%
45	10.037	1325	1334	1342	rBV	215128	396841	23.15%	3.175%
46	10.128	1344	1349	1350	rBV4	1343	1672	0.10%	0.013%
47	10.207	1360	1362	1368	rVB3	2045	3001	0.18%	0.024%
48	10.323	1372	1381	1389	rBV	749128	1310619	76.45%	10.485%
49	10.384	1389	1391	1396	rVB	5175	7730	0.45%	0.062%
50	10.494	1406	1409	1410	rBV2	802	850	0.05%	0.007%
51	10.579	1416	1423	1430	rBV	143979	250804	14.63%	2.006%
52	10.707	1438	1444	1449	rBV	17688	30869	1.80%	0.247%
53	10.866	1465	1470	1472	rBV4	1651	2119	0.12%	0.017%
54	10.927	1472	1480	1495	rBV	279393	473819	27.64%	3.791%
55	11.073	1497	1504	1516	rBV	312984	510580	29.78%	4.085%
56	11.469	1565	1569	1570	rVV3	858	904	0.05%	0.007%
57	11.573	1581	1586	1588	rBV4	2005	3302	0.19%	0.026%
58	11.634	1588	1596	1608	rVV	651469	1109963	64.75%	8.880%
59	11.737	1608	1613	1617	rVB7	1721	3378	0.20%	0.027%
60	11.841	1623	1630	1641	rBV2	11344	28205	1.65%	0.226%
61	11.945	1643	1647	1654	rVB4	4354	7519	0.44%	0.060%
62	12.109	1669	1674	1675	rVB5	895	1336	0.08%	0.011%
63	12.164	1679	1683	1691	rVB8	1946	4213	0.25%	0.034%
64	12.243	1691	1696	1703	rBV6	2227	4068	0.24%	0.033%
65	12.341	1706	1712	1722	rBV2	28035	47249	2.76%	0.378%
66	12.469	1729	1733	1736	rBV4	1172	1648	0.10%	0.013%
67	12.518	1737	1741	1750	rVB6	2103	3701	0.22%	0.030%
68	12.609	1750	1756	1762	rBV	33081	56718	3.31%	0.454%
69	12.695	1762	1770	1778	rBV	276314	462066	26.95%	3.697%
70	12.762	1778	1781	1786	rVB6	1531	2160	0.13%	0.017%
71	12.810	1786	1789	1791	rVB3	899	963	0.06%	0.008%

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72	12.871	1796	1799	1801	rBV3	838	964	0.06%	0.008%
73	12.938	1805	1810	1820	rVB5	4892	9740	0.57%	0.078%
74	13.048	1823	1828	1832	rBV5	2156	4273	0.25%	0.034%
75	13.103	1832	1837	1842	rBV5	4234	7574	0.44%	0.061%
76	13.158	1842	1846	1851	rVB7	2382	3960	0.23%	0.032%
77	13.219	1853	1856	1857	rBV2	748	829	0.05%	0.007%
78	13.274	1863	1865	1872	rVB6	3913	6617	0.39%	0.053%
79	13.396	1880	1885	1891	rBV2	14801	24223	1.41%	0.194%
80	13.499	1895	1902	1905	rBV2	9769	16064	0.94%	0.129%
81	13.560	1905	1912	1922	rVV	493670	806708	47.06%	6.454%
82	13.652	1922	1927	1932	rVB5	6268	10095	0.59%	0.081%
83	13.853	1952	1960	1967	rBV	455413	744648	43.44%	5.957%
84	14.072	1991	1996	2004	rVB2	21557	36962	2.16%	0.296%
85	14.194	2014	2016	2018	rBV3	839	802	0.05%	0.006%
86	14.328	2032	2038	2045	rBV2	15164	25097	1.46%	0.201%
87	14.524	2064	2070	2076	rBV	8770	15052	0.88%	0.120%
88	14.627	2083	2087	2093	rVB4	2455	4223	0.25%	0.034%
89	14.725	2096	2103	2109	rVB3	4826	8357	0.49%	0.067%
90	14.798	2109	2115	2121	rBV7	1642	3678	0.21%	0.029%
91	14.859	2121	2125	2128	rBV6	2290	3229	0.19%	0.026%
92	14.956	2136	2141	2153	rVB8	3790	9161	0.53%	0.073%
93	15.054	2156	2157	2160	rBV3	650	907	0.05%	0.007%
94	15.133	2166	2170	2173	rBV6	1473	2095	0.12%	0.017%
95	15.188	2174	2179	2185	rVV8	3376	6559	0.38%	0.052%
96	15.255	2187	2190	2197	rVB7	2486	4108	0.24%	0.033%
97	15.316	2197	2200	2202	rBV3	997	887	0.05%	0.007%
98	15.505	2228	2231	2232	rBV3	950	888	0.05%	0.007%
99	15.865	2284	2290	2291	rBV5	1243	2226	0.13%	0.018%
100	15.962	2304	2306	2310	rBV4	929	1231	0.07%	0.010%

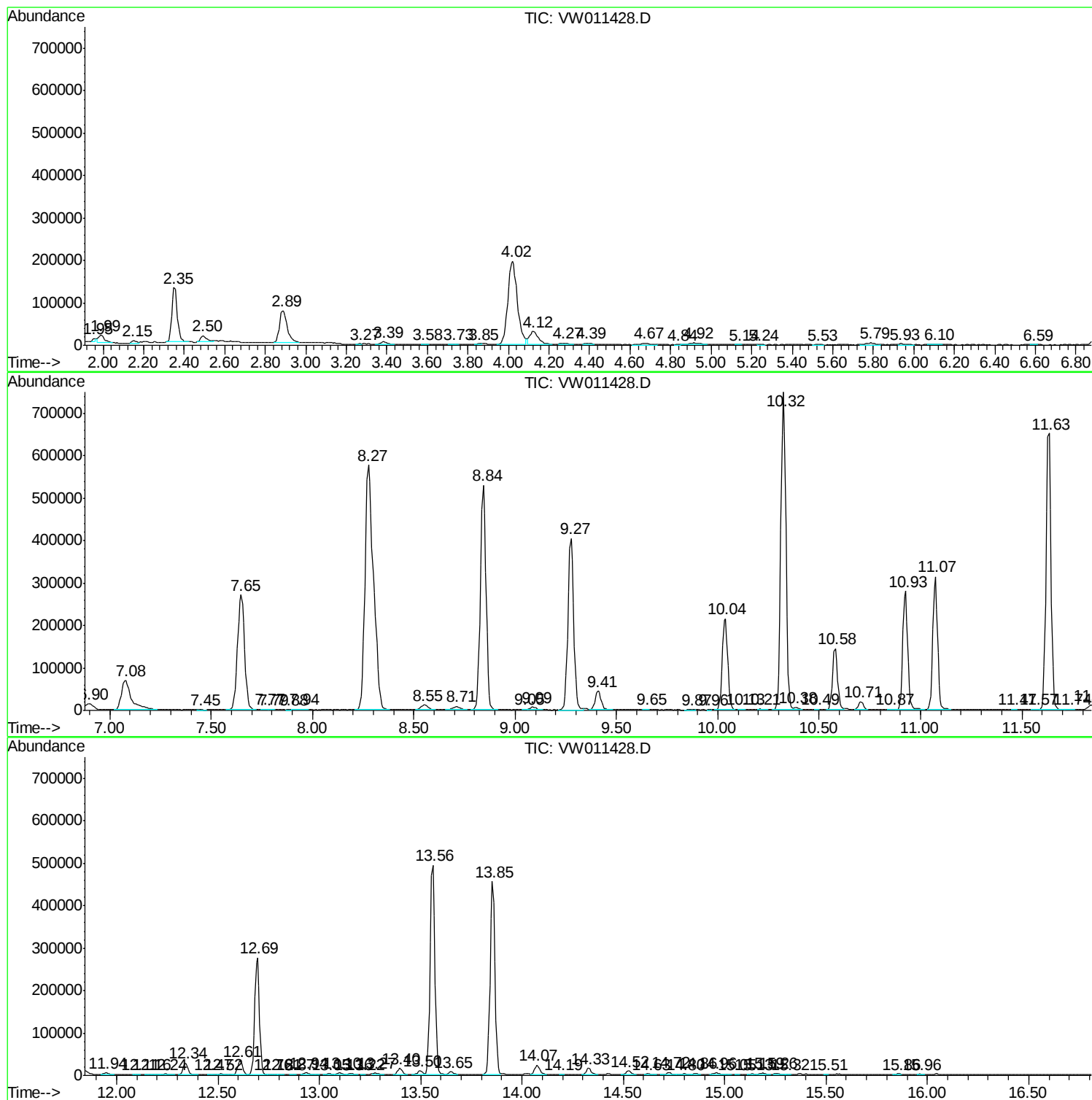
Sum of corrected areas: 12499669

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis

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



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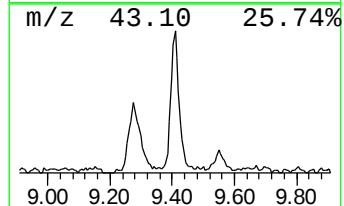
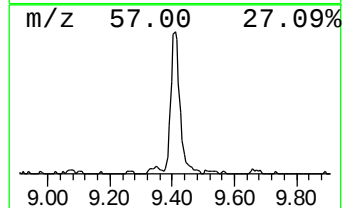
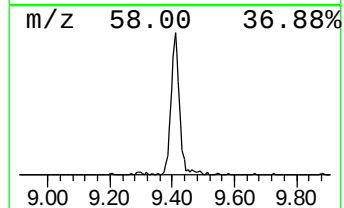
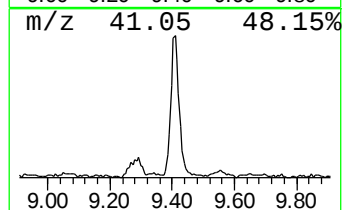
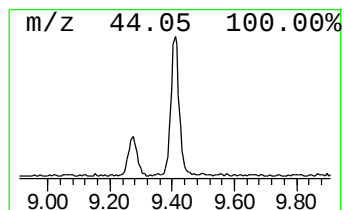
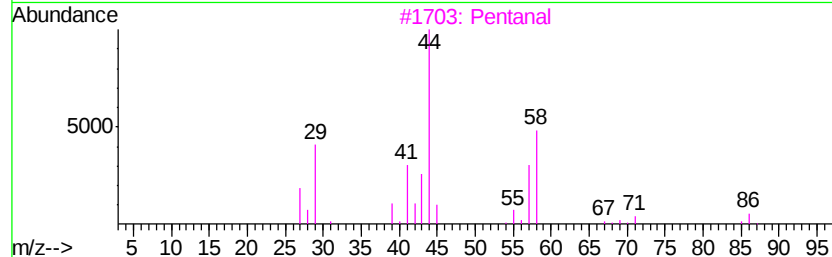
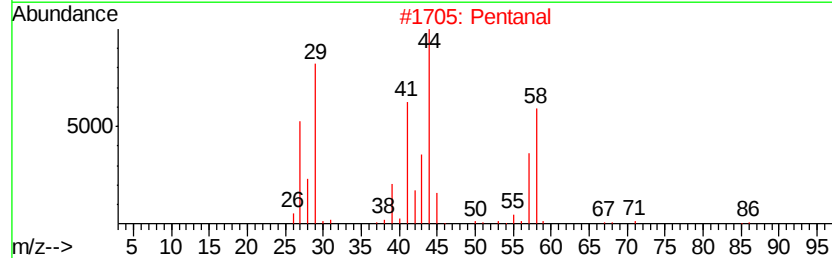
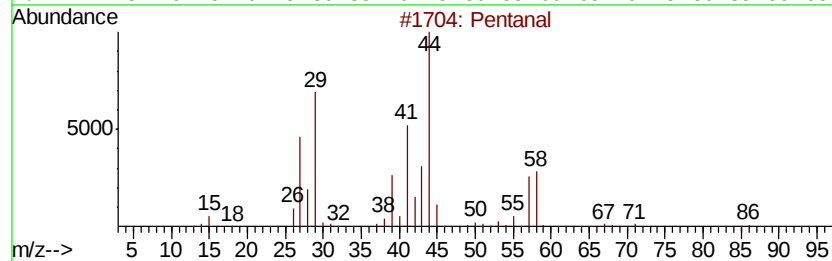
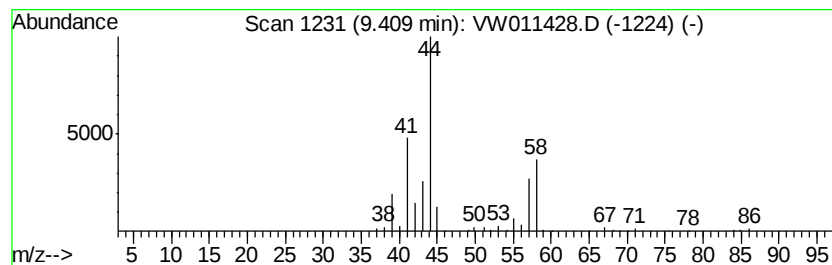
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis

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.
9.41	2.15 ug/L	88385	1,4-Difluorobenzene	8.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal			86	C5H10O	000110-62-3	91
2	Pentanal			86	C5H10O	000110-62-3	78
3	Pentanal			86	C5H10O	000110-62-3	78
4	Cyclopropyl carbinol			72	C4H8O	002516-33-8	45
5	Butanal, 3-methyl-			86	C5H10O	000590-86-3	38



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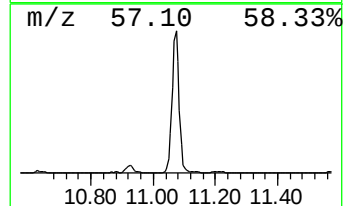
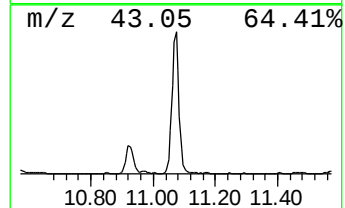
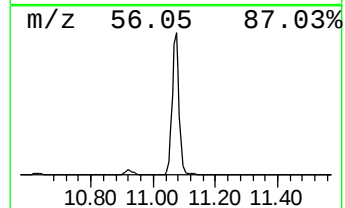
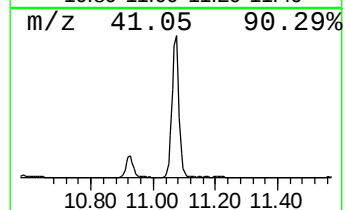
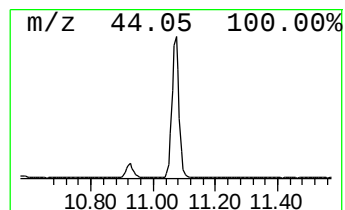
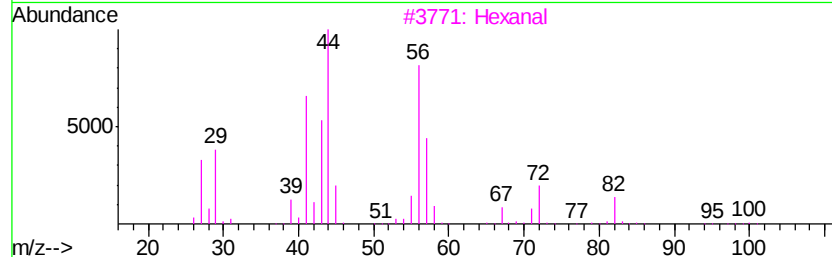
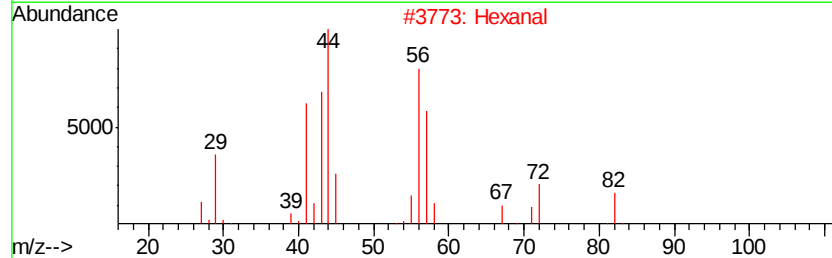
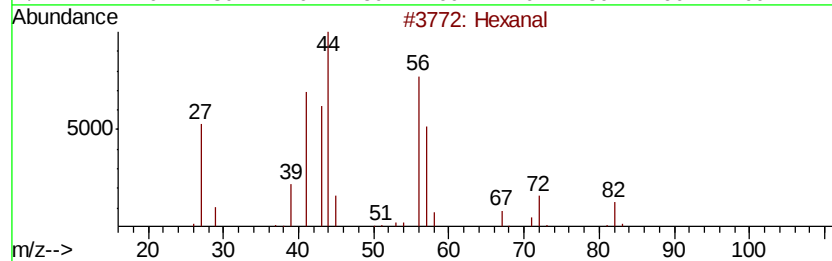
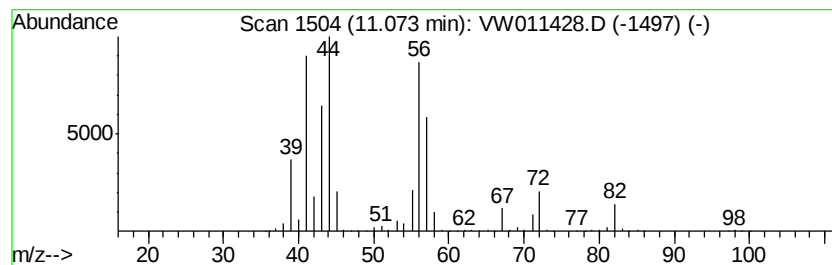
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Hexanal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.07	11.50 ug/L	510580	Chlorobenzene-d5		11.63	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	90
2	Hexanal		100	C6H12O	000066-25-1	90
3	Hexanal		100	C6H12O	000066-25-1	90
4	Hexanal		100	C6H12O	000066-25-1	78
5	Cyclobutanol, 2-ethyl-		100	C6H12O	035301-43-0	56



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentanal	9.41	2.1	ug/L	88385	1	8.84	1025730	25.0
Hexanal	11.07	11.5	ug/L	510580	2	11.63	1109960	25.0