

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071519\
 Data File : VW011267.D
 Acq On : 15 Jul 2019 17:57
 Operator : SY/VA
 Sample : K3798-04
 Misc : 2.66G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52G8

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\SOM2WLM070219S.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	1.989	5	14	26	rVB3	16351	49059	4.30%	0.565%
2	2.154	35	41	47	rBV3	2630	7215	0.63%	0.083%
3	2.215	47	51	55	rVV5	1541	2685	0.24%	0.031%
4	2.343	66	72	84	rVB	65414	121737	10.68%	1.401%
5	2.483	91	95	103	rBV	18214	40275	3.53%	0.464%
6	2.806	145	148	152	rVV	1874	2624	0.23%	0.030%
7	2.879	153	160	176	rVB	42831	113297	9.94%	1.304%
8	3.111	197	198	200	rBV2	1074	866	0.08%	0.010%
9	3.373	239	241	245	rVB3	948	949	0.08%	0.011%
10	3.471	253	257	258	rBV4	748	938	0.08%	0.011%
11	3.532	261	267	269	rBV6	1554	2656	0.23%	0.031%
12	3.672	285	290	291	rBV3	901	1134	0.10%	0.013%
13	3.690	291	293	294	rVV2	1015	847	0.07%	0.010%
14	3.715	294	297	304	rVB5	1298	3078	0.27%	0.035%
15	3.867	312	322	327	rBV7	1623	5606	0.49%	0.065%
16	4.013	334	346	357	rBV2	107735	364321	31.97%	4.194%
17	4.117	357	363	376	rVV	33003	95700	8.40%	1.102%
18	4.379	395	406	419	rVV3	24517	79006	6.93%	0.910%
19	4.666	445	453	463	rBV2	12113	35003	3.07%	0.403%
20	4.922	477	495	507	rBV2	12364	50539	4.43%	0.582%
21	5.409	573	575	578	rBV4	640	901	0.08%	0.010%
22	5.781	626	636	649	rBV2	7037	22550	1.98%	0.260%
23	5.928	652	660	661	rBV3	4040	7432	0.65%	0.086%
24	6.104	683	689	690	rBV3	1043	1746	0.15%	0.020%
25	6.604	764	771	773	rBV4	1554	3221	0.28%	0.037%
26	6.897	811	819	828	rBV5	2358	7392	0.65%	0.085%
27	6.982	828	833	835	rBV4	674	1054	0.09%	0.012%
28	7.074	839	848	856	rBV	51639	144461	12.68%	1.663%
29	7.165	859	863	875	rVV3	15190	42410	3.72%	0.488%
30	7.281	879	882	887	rVB4	496	821	0.07%	0.009%
31	7.500	913	918	922	rBV4	498	1258	0.11%	0.014%
32	7.647	932	942	956	rBV	183887	460270	40.38%	5.299%
33	7.952	989	992	999	rVB3	690	1181	0.10%	0.014%
34	8.275	1033	1045	1060	rBV2	378783	1139718	100.00%	13.121%

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 Title : VOC Analysis

35	8.464	1075	1076	1083	rVB3	694	1017	0.09%	0.012%
36	8.555	1083	1091	1098	rVV4	4977	12086	1.06%	0.139%
37	8.628	1101	1103	1106	rVB3	885	879	0.08%	0.010%
38	8.714	1109	1117	1123	rVB6	3022	7249	0.64%	0.083%
39	8.842	1128	1138	1148	rBV	375249	742496	65.15%	8.548%
40	9.092	1166	1179	1185	rBV5	8514	21181	1.86%	0.244%
41	9.275	1199	1209	1219	rBV	278970	570226	50.03%	6.564%
42	9.409	1225	1231	1241	rVB3	5035	11412	1.00%	0.131%
43	9.659	1266	1272	1278	rBV	3442	7080	0.62%	0.082%
44	10.030	1325	1333	1343	rBV	131420	246835	21.66%	2.842%
45	10.122	1343	1348	1350	rVV3	2540	4670	0.41%	0.054%
46	10.146	1350	1352	1360	rVB7	3030	5765	0.51%	0.066%
47	10.323	1370	1381	1388	rBV	480638	845982	74.23%	9.739%
48	10.390	1388	1392	1398	rVB	12584	22237	1.95%	0.256%
49	10.500	1406	1410	1413	rVV3	1211	1838	0.16%	0.021%
50	10.579	1413	1423	1438	rVV	91457	159298	13.98%	1.834%
51	10.701	1438	1443	1450	rVV	7792	13529	1.19%	0.156%
52	10.854	1465	1468	1471	rVB2	850	1219	0.11%	0.014%
53	10.927	1471	1480	1497	rBV	187527	332781	29.20%	3.831%
54	11.073	1497	1504	1516	rVV	22407	41917	3.68%	0.483%
55	11.152	1516	1517	1521	rVV4	630	846	0.07%	0.010%
56	11.567	1580	1585	1588	rBV3	814	1531	0.13%	0.018%
57	11.628	1588	1595	1605	rVV	455899	789674	69.29%	9.091%
58	11.738	1608	1613	1618	rVB5	1509	2981	0.26%	0.034%
59	11.835	1623	1629	1640	rBV	11956	29170	2.56%	0.336%
60	12.164	1674	1683	1691	rVB7	1661	4376	0.38%	0.050%
61	12.237	1691	1695	1701	rVB6	1376	2311	0.20%	0.027%
62	12.341	1703	1712	1722	rBV6	5370	13202	1.16%	0.152%
63	12.457	1723	1731	1735	rBV7	2055	4249	0.37%	0.049%
64	12.524	1737	1742	1746	rVB4	1824	2859	0.25%	0.033%
65	12.609	1748	1756	1762	rBV2	48868	81611	7.16%	0.940%
66	12.695	1762	1770	1779	rBV	204490	339741	29.81%	3.911%
67	12.780	1780	1784	1788	rVB5	2662	3779	0.33%	0.044%
68	12.835	1788	1793	1794	rBV4	1225	1872	0.16%	0.022%
69	12.890	1794	1802	1805	rBV7	2069	4290	0.38%	0.049%
70	12.945	1806	1811	1812	rBV5	1689	2653	0.23%	0.031%
71	13.079	1830	1833	1836	rVB4	1349	1632	0.14%	0.019%

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 Title : VOC Analysis

72	13.121	1838	1840	1844	rBV4	841	1225	0.11%	0.014%
73	13.158	1844	1846	1848	rBV3	1537	1672	0.15%	0.019%
74	13.280	1859	1866	1871	rBV8	5282	15114	1.33%	0.174%
75	13.402	1878	1886	1889	rBV6	4552	8969	0.79%	0.103%
76	13.481	1896	1899	1903	rVB5	1456	2304	0.20%	0.027%
77	13.560	1905	1912	1919	rBV	360953	571008	50.10%	6.573%
78	13.652	1922	1927	1931	rVV3	6779	12288	1.08%	0.141%
79	13.694	1932	1934	1939	rVV6	2770	3800	0.33%	0.044%
80	13.743	1939	1942	1944	rVV3	921	1208	0.11%	0.014%
81	13.853	1951	1960	1969	rBV	301069	519103	45.55%	5.976%
82	13.987	1978	1982	1983	rBV4	2308	2788	0.24%	0.032%
83	14.018	1985	1987	1990	rVV4	3993	5264	0.46%	0.061%
84	14.072	1990	1996	2009	rVB	54019	97012	8.51%	1.117%
85	14.261	2021	2027	2033	rBV10	4068	8207	0.72%	0.094%
86	14.329	2034	2038	2043	rVB3	10719	15343	1.35%	0.177%
87	14.383	2043	2047	2051	rBV6	8568	14452	1.27%	0.166%
88	14.554	2068	2075	2078	rBV6	11130	22291	1.96%	0.257%
89	14.664	2089	2093	2097	rBV4	7063	10252	0.90%	0.118%
90	14.859	2121	2125	2129	rVB7	6437	10713	0.94%	0.123%
91	14.975	2140	2144	2146	rBV5	5881	7741	0.68%	0.089%
92	15.133	2165	2170	2171	rBV5	5431	7888	0.69%	0.091%
93	15.249	2185	2189	2194	rVB3	10649	17414	1.53%	0.200%
94	15.334	2199	2203	2210	rVB4	15664	27682	2.43%	0.319%
95	15.408	2212	2215	2217	rBV4	4815	6722	0.59%	0.077%
96	15.499	2225	2230	2237	rVB	49824	94780	8.32%	1.091%
97	15.566	2239	2241	2243	rBV3	3960	3953	0.35%	0.046%
98	15.737	2265	2269	2275	rVB8	13218	23930	2.10%	0.275%
99	16.292	2356	2360	2368	rVB2	11507	22299	1.96%	0.257%
100	16.743	2432	2434	2436	rBV3	2666	2681	0.24%	0.031%

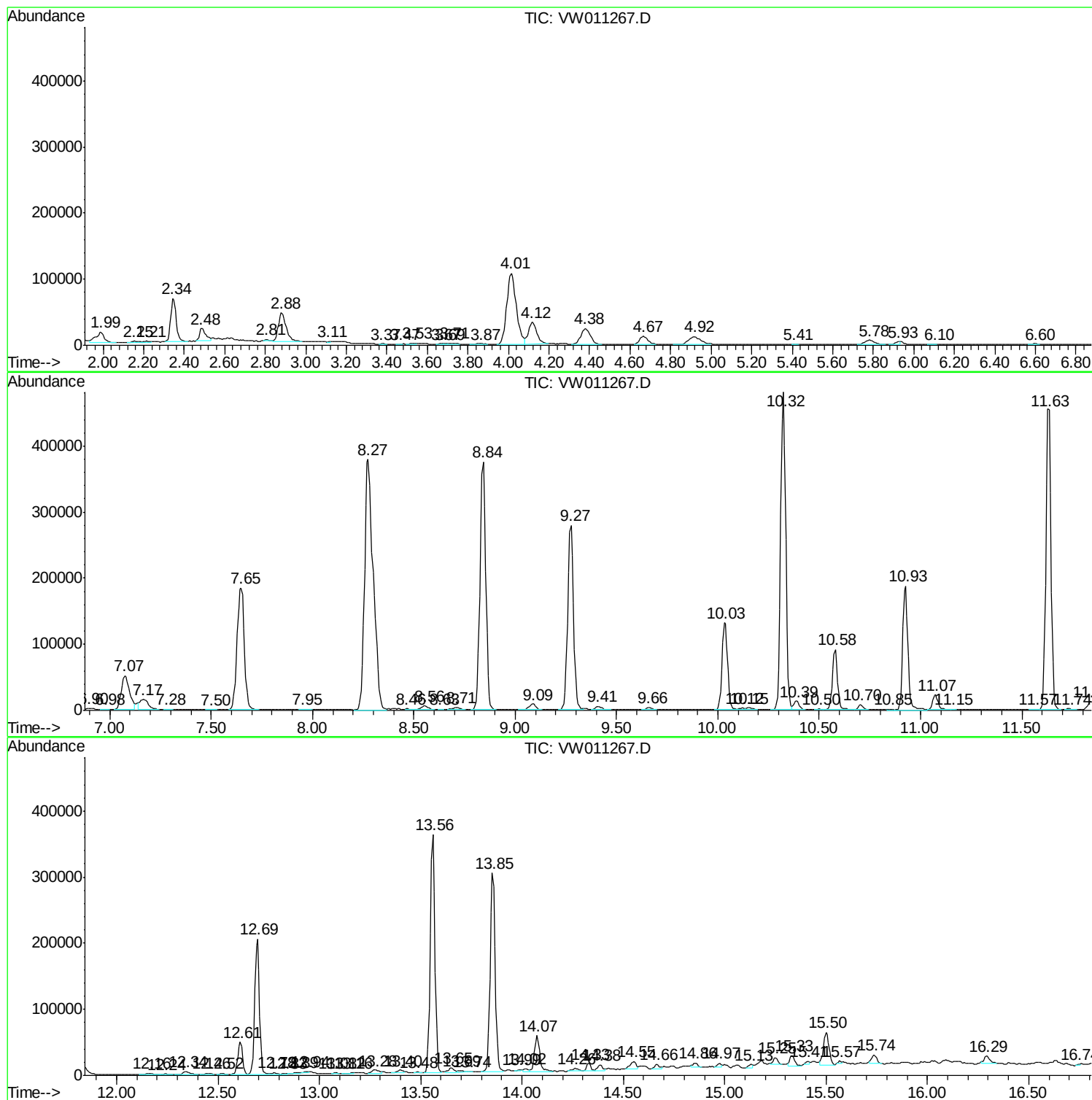
Sum of corrected areas: 8686527

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



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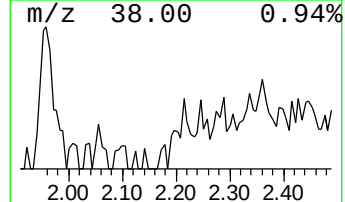
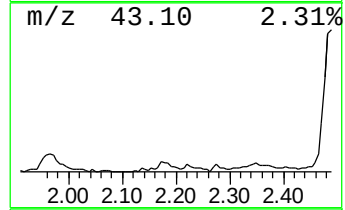
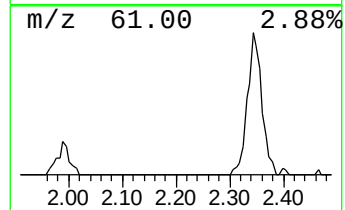
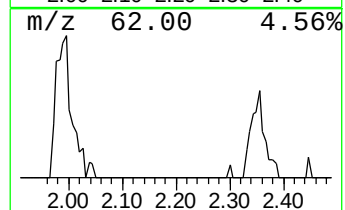
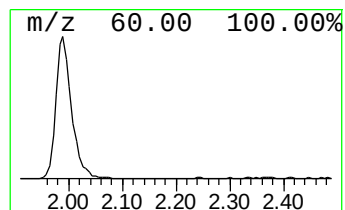
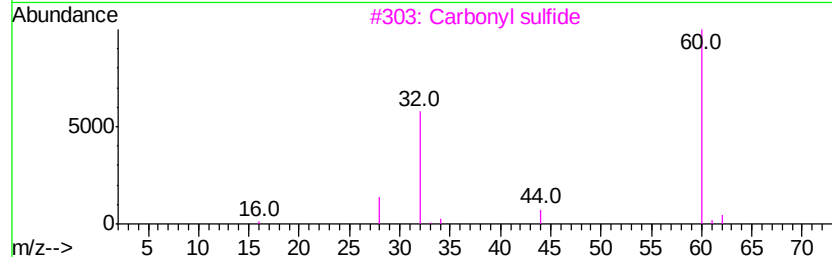
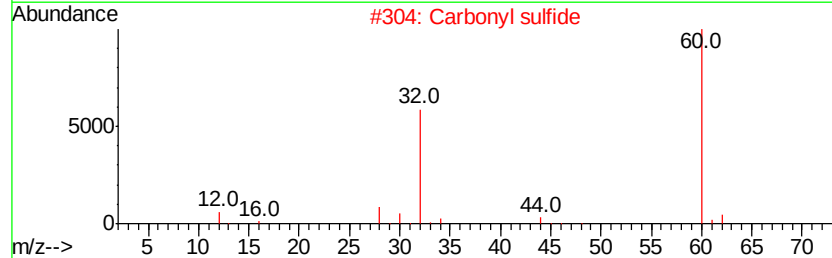
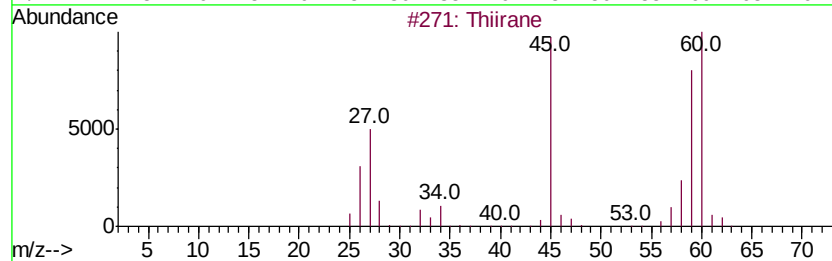
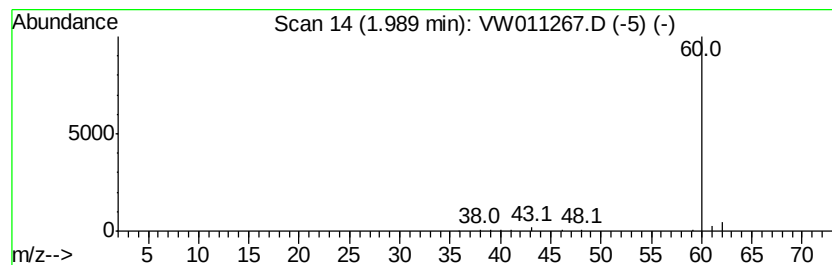
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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

Peak Number 1 Carbonyl sulfide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.99	1.65 ug/L	49059	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Thiirane	60	C2H4S	000420-12-2	7
2		Carbonyl sulfide	60	COS	000463-58-1	5
3		Carbonyl sulfide	60	COS	000463-58-1	5
4		Ethyne, chloro-	60	C2HCl	000593-63-5	5
5		Urea	60	CH4N2O	000057-13-6	4



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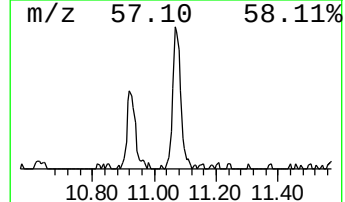
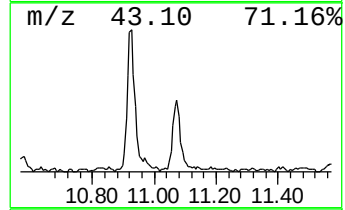
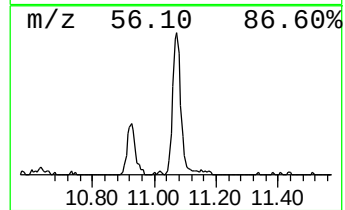
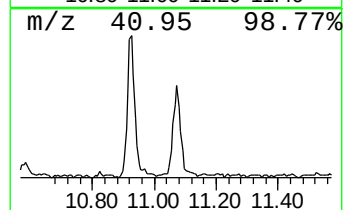
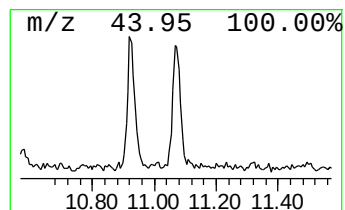
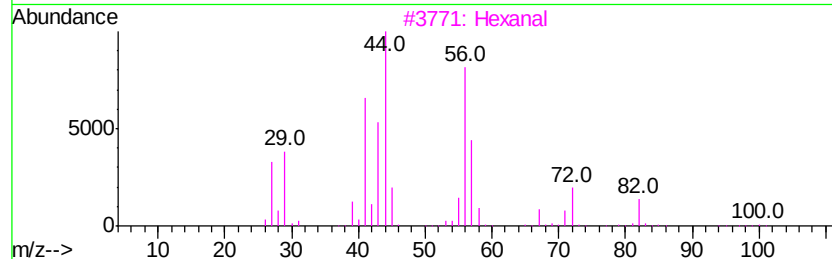
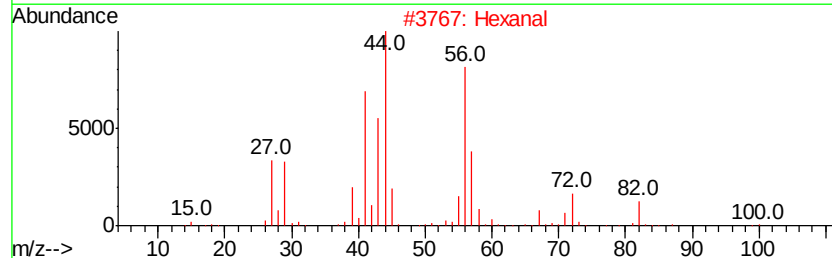
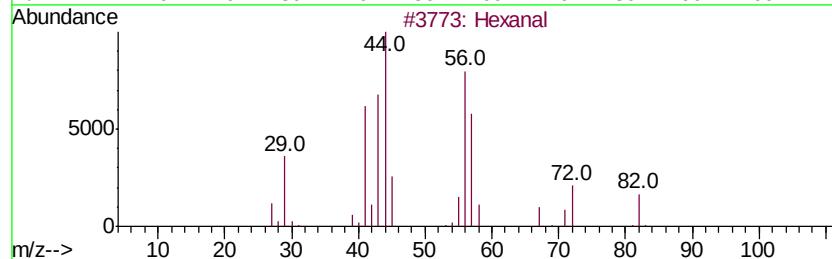
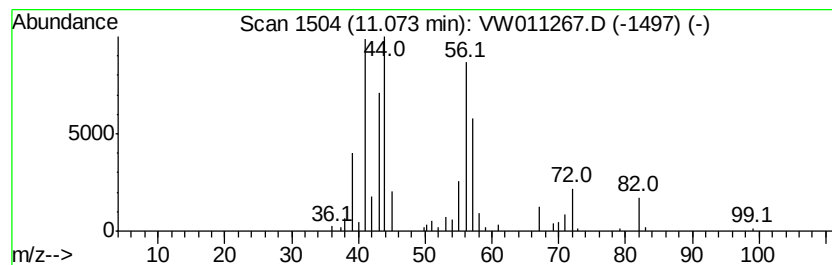
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Quant Title : VOC Analysis

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

Peak Number 4 Hexanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	1.33 ug/L	41917	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal		100	C6H12O	000066-25-1	80
2	Hexanal		100	C6H12O	000066-25-1	80
3	Hexanal		100	C6H12O	000066-25-1	80
4	Hexanal		100	C6H12O	000066-25-1	72
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
Carbonyl sulfide	1.99	1.6	ug/L	49059	1	8.84	742496	25.0
Hexanal	11.07	1.3	ug/L	41917	2	11.63	789674	25.0