

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW072219\
 Data File : VW011430.D
 Acq On : 22 Jul 2019 19:57
 Operator : SY/VA
 Sample : K3863-08RE
 Misc : 3.93G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A52H2RE

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	1.983	6	13	22	rVB	22695	59514	4.17%	0.631%
2	2.148	35	40	48	rBV2	11367	24336	1.70%	0.258%
3	2.349	67	73	85	rVB	111824	203121	14.22%	2.153%
4	2.489	91	96	106	rBV	19199	45588	3.19%	0.483%
5	2.885	154	161	176	rVB	66863	168882	11.83%	1.790%
6	3.269	221	224	226	rBV4	1377	1660	0.12%	0.018%
7	3.361	237	239	241	rBV2	1143	1172	0.08%	0.012%
8	3.678	288	291	294	rBV5	870	1405	0.10%	0.015%
9	3.727	294	299	308	rVB8	1532	4199	0.29%	0.044%
10	3.861	313	321	328	rBV7	2393	7100	0.50%	0.075%
11	4.019	335	347	357	rBV2	160602	527227	36.92%	5.587%
12	4.117	358	363	378	rVB	42863	120133	8.41%	1.273%
13	4.385	397	407	420	rVB2	8826	28167	1.97%	0.298%
14	4.672	445	454	464	rVV2	9891	30007	2.10%	0.318%
15	4.745	464	466	469	rVV2	803	894	0.06%	0.009%
16	4.922	486	495	503	rVV4	4374	15671	1.10%	0.166%
17	5.123	524	528	529	rBV2	741	1160	0.08%	0.012%
18	5.165	533	535	538	rVV3	1066	1352	0.09%	0.014%
19	5.421	571	577	586	rVB7	948	1529	0.11%	0.016%
20	5.787	627	637	650	rVV3	6397	22198	1.55%	0.235%
21	5.934	655	661	671	rVB4	2472	7235	0.51%	0.077%
22	6.202	700	705	711	rBV6	610	1438	0.10%	0.015%
23	6.592	766	769	770	rVV2	863	967	0.07%	0.010%
24	6.610	770	772	777	rVB4	991	1371	0.10%	0.015%
25	6.903	811	820	828	rBV4	1747	5873	0.41%	0.062%
26	7.074	838	848	857	rBV	75041	215168	15.07%	2.280%
27	7.476	910	914	917	rBV4	501	856	0.06%	0.009%
28	7.647	931	942	952	rVV	226077	555567	38.90%	5.888%
29	7.714	952	953	955	rVV2	1189	919	0.06%	0.010%
30	7.738	955	957	959	rVV3	702	783	0.05%	0.008%
31	7.775	959	963	966	rVV6	965	1396	0.10%	0.015%
32	7.909	983	985	988	rVV4	640	842	0.06%	0.009%
33	7.958	990	993	999	rVV3	1067	1703	0.12%	0.018%
34	8.275	1035	1045	1060	rBV2	468730	1428127	100.00%	15.134%

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 Title : VOC Analysis

35	8.549	1084	1090	1099	rVB5	4731	11643	0.82%	0.123%
36	8.628	1101	1103	1107	rVB3	1428	1683	0.12%	0.018%
37	8.714	1107	1117	1126	rBV7	3305	9163	0.64%	0.097%
38	8.842	1129	1138	1151	rBV	397943	795216	55.68%	8.427%
39	9.073	1174	1176	1177	rBV2	1093	1101	0.08%	0.012%
40	9.274	1200	1209	1219	rBV	336133	681519	47.72%	7.222%
41	9.409	1226	1231	1243	rVB2	7775	18565	1.30%	0.197%
42	9.665	1268	1273	1275	rBV4	1351	1686	0.12%	0.018%
43	9.823	1296	1299	1301	rVB3	756	790	0.06%	0.008%
44	9.957	1318	1321	1324	rVB3	764	796	0.06%	0.008%
45	10.036	1324	1334	1345	rBV	178996	327080	22.90%	3.466%
46	10.128	1347	1349	1352	rBV4	549	760	0.05%	0.008%
47	10.207	1359	1362	1369	rVB6	765	1548	0.11%	0.016%
48	10.323	1372	1381	1388	rVV	571746	1003279	70.25%	10.632%
49	10.384	1388	1391	1399	rVB	14217	25881	1.81%	0.274%
50	10.500	1406	1410	1414	rBV4	799	1315	0.09%	0.014%
51	10.579	1416	1423	1431	rBV	120144	208678	14.61%	2.211%
52	10.707	1439	1444	1450	rVB3	8963	16405	1.15%	0.174%
53	10.927	1472	1480	1495	rBV	281282	494748	34.64%	5.243%
54	11.073	1497	1504	1513	rVV	50375	86152	6.03%	0.913%
55	11.628	1588	1595	1608	rBV	447375	773534	54.16%	8.197%
56	11.737	1609	1613	1616	rVB4	1413	1926	0.13%	0.020%
57	11.835	1625	1629	1641	rBV4	5766	13688	0.96%	0.145%
58	12.158	1680	1682	1685	rBV3	1015	1091	0.08%	0.012%
59	12.237	1693	1695	1700	rVB4	764	1023	0.07%	0.011%
60	12.341	1707	1712	1720	rVV6	4128	7826	0.55%	0.083%
61	12.609	1749	1756	1762	rVV	28208	46110	3.23%	0.489%
62	12.695	1762	1770	1779	rVB	248650	411000	28.78%	4.356%
63	12.932	1807	1809	1816	rVB5	2129	3091	0.22%	0.033%
64	13.054	1827	1829	1833	rBV3	686	848	0.06%	0.009%
65	13.097	1833	1836	1838	rBV4	714	849	0.06%	0.009%
66	13.243	1859	1860	1861	rVV	1124	800	0.06%	0.008%
67	13.274	1862	1865	1874	rVB5	2258	5148	0.36%	0.055%
68	13.402	1879	1886	1892	rBV7	3463	5927	0.42%	0.063%
69	13.469	1892	1897	1899	rBV5	993	1192	0.08%	0.013%
70	13.493	1899	1901	1905	rVV5	814	1060	0.07%	0.011%
71	13.560	1905	1912	1923	rVV	283499	458604	32.11%	4.860%

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72	13.652	1923	1927	1933	rVB2	4944	7718	0.54%	0.082%
73	13.755	1939	1944	1945	rBV5	661	888	0.06%	0.009%
74	13.853	1953	1960	1969	rBV	273168	446599	31.27%	4.733%
75	13.944	1973	1975	1979	rBV5	564	815	0.06%	0.009%
76	14.072	1991	1996	2003	rVB2	10025	16147	1.13%	0.171%
77	14.206	2015	2018	2020	rBV4	820	848	0.06%	0.009%
78	14.328	2032	2038	2045	rBV8	6528	11464	0.80%	0.121%
79	14.426	2051	2054	2057	rBV5	1335	1820	0.13%	0.019%
80	14.456	2057	2059	2061	rVV2	1254	1464	0.10%	0.016%
81	14.523	2065	2070	2076	rVB4	5952	10445	0.73%	0.111%
82	14.627	2083	2087	2092	rBV8	727	1294	0.09%	0.014%
83	14.694	2096	2098	2100	rVV3	892	1073	0.08%	0.011%
84	14.719	2100	2102	2109	rVB6	2491	4096	0.29%	0.043%
85	14.780	2109	2112	2113	rBV3	1146	1137	0.08%	0.012%
86	14.798	2113	2115	2120	rVV6	1410	2054	0.14%	0.022%
87	14.853	2122	2124	2130	rVB7	1413	1699	0.12%	0.018%
88	14.944	2137	2139	2143	rVB2	733	915	0.06%	0.010%
89	14.981	2143	2145	2149	rVB5	968	1417	0.10%	0.015%
90	15.011	2149	2150	2154	rBV4	620	907	0.06%	0.010%
91	15.182	2174	2178	2179	rBV4	1852	1867	0.13%	0.020%
92	15.255	2187	2190	2193	rBV3	1294	1489	0.10%	0.016%
93	15.371	2205	2209	2214	rVB5	1857	3224	0.23%	0.034%
94	15.554	2237	2239	2241	rBV2	1282	1043	0.07%	0.011%
95	15.639	2249	2253	2258	rBV5	642	1406	0.10%	0.015%
96	15.981	2304	2309	2310	rBV3	747	896	0.06%	0.009%
97	16.218	2347	2348	2352	rVB3	992	951	0.07%	0.010%
98	16.255	2352	2354	2358	rBV4	881	908	0.06%	0.010%
99	16.419	2379	2381	2384	rBV4	871	1048	0.07%	0.011%
100	16.682	2420	2424	2428	rBV5	961	1341	0.09%	0.014%

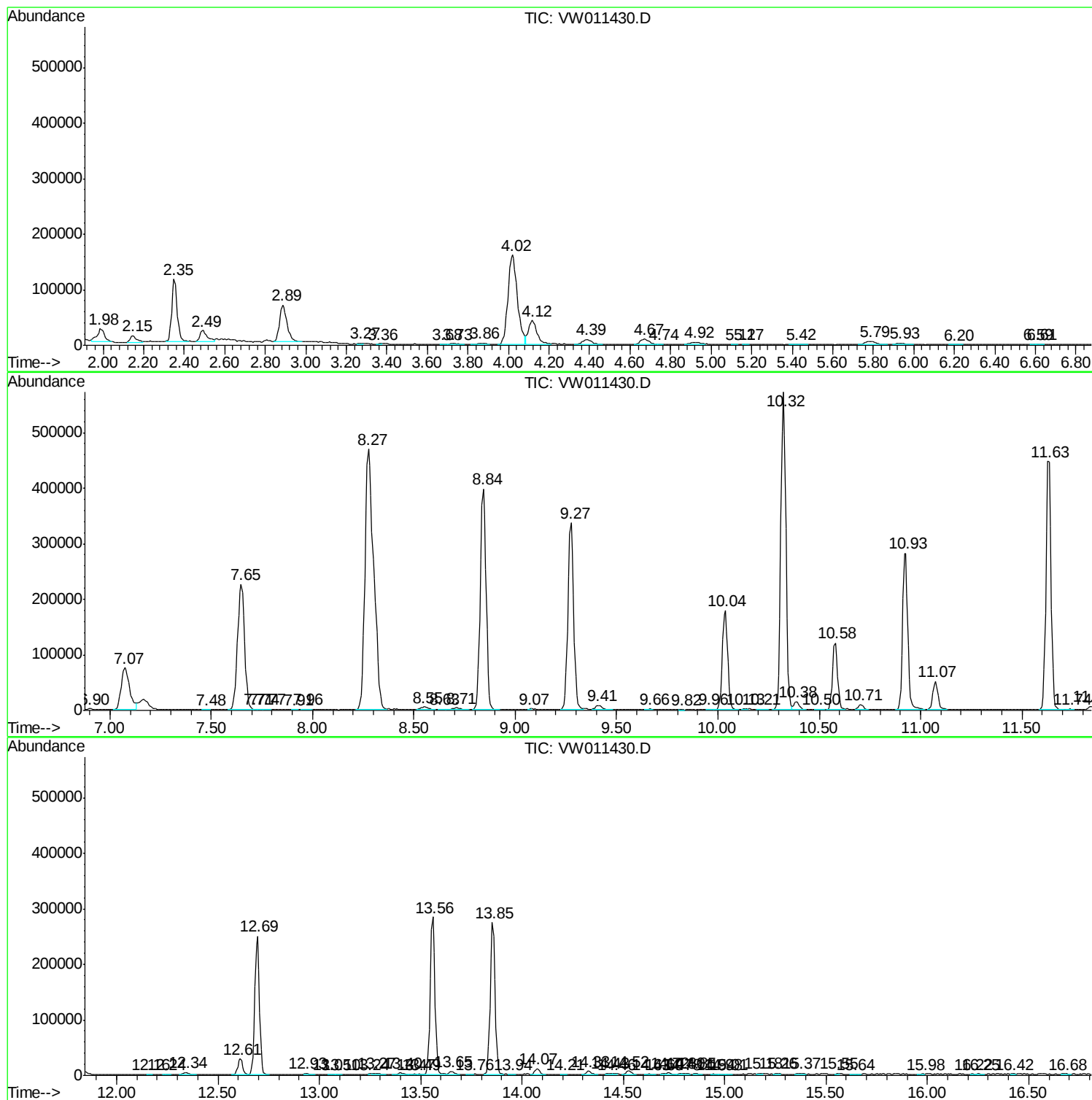
Sum of corrected areas: 9436258

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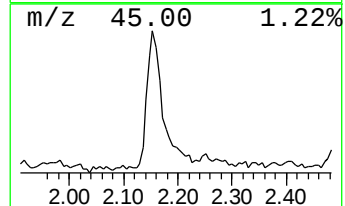
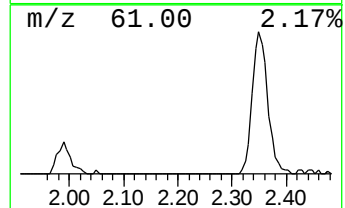
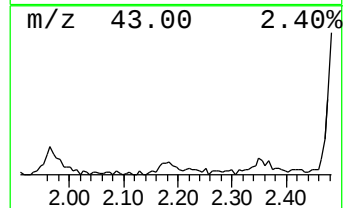
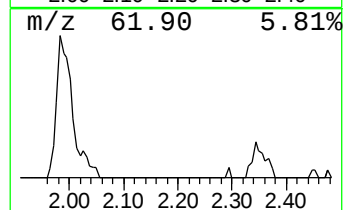
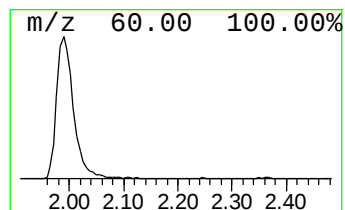
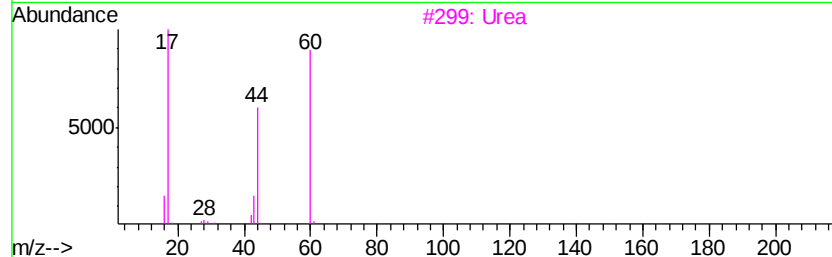
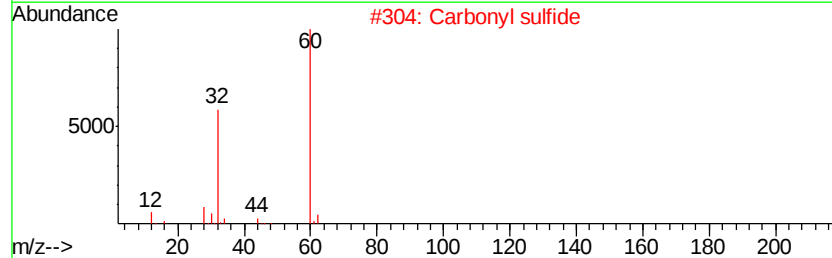
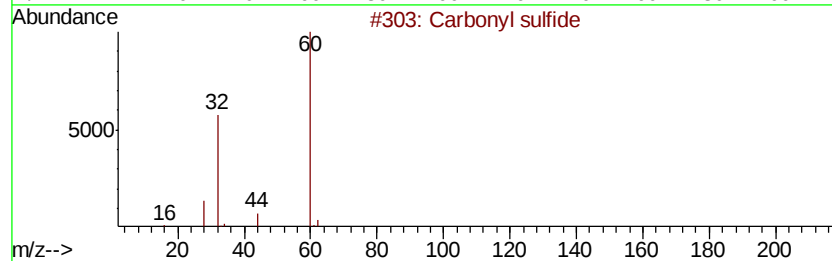
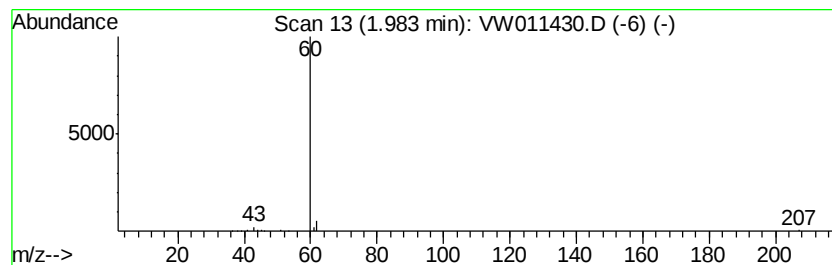
Instrument :
MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.98	1.87 ug/L	59514	1,4-Difluorobenzene	8.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonyl sulfide	60	COS	000463-58-1	5
2	Carbonyl sulfide	60	COS	000463-58-1	5
3	Urea	60	CH4N2O	000057-13-6	5
4	Urea	60	CH4N2O	000057-13-6	5
5	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	4



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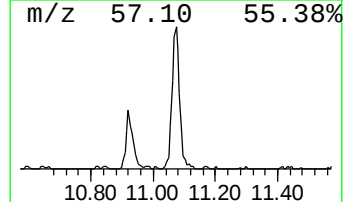
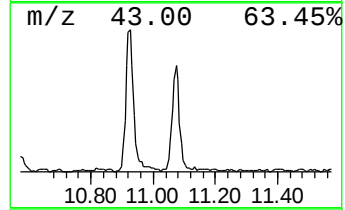
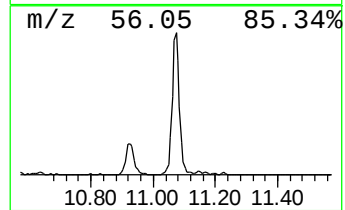
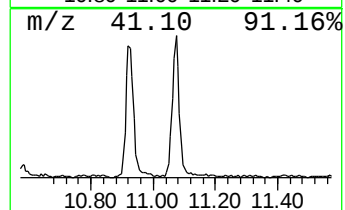
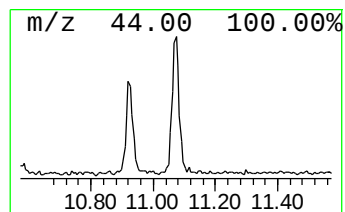
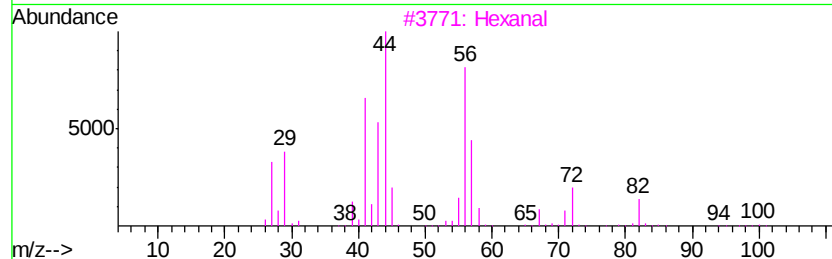
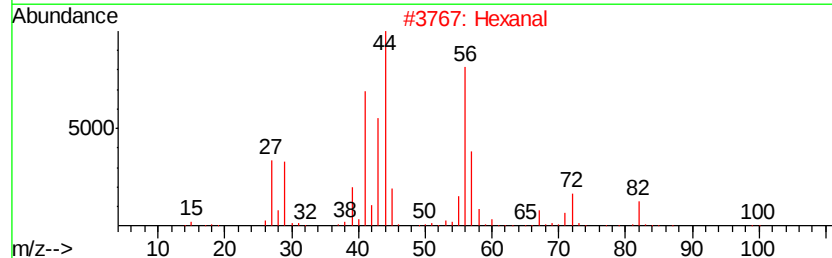
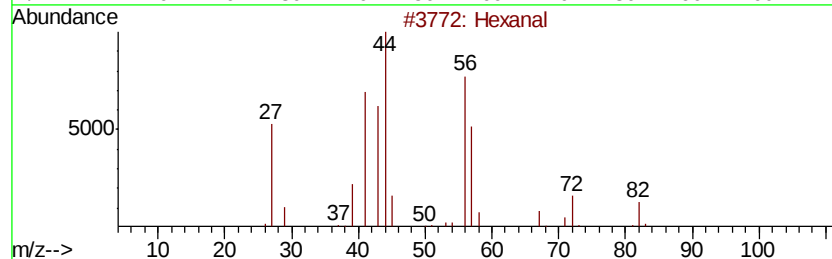
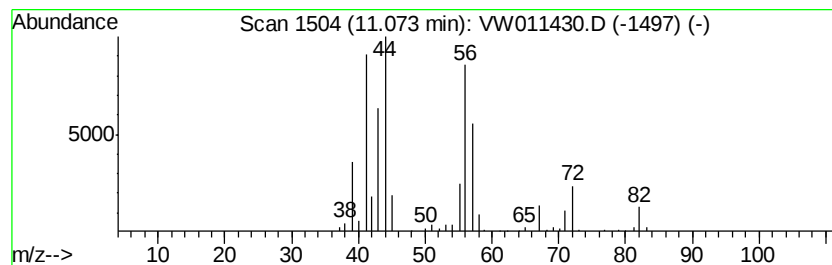
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Quant Title : VOC Analysis

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

Peak Number 4 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.78 ug/L	86152	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	90
2		Hexanal	100	C6H12O	000066-25-1	83
3		Hexanal	100	C6H12O	000066-25-1	83
4		Hexanal	100	C6H12O	000066-25-1	78
5		Butanal	72	C4H8O	000123-72-8	38



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	1.98	1.9	ug/L	59514	1	8.84	795216	25.0
Hexanal	11.07	2.8	ug/L	86152	2	11.63	773534	25.0