

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081519\
 Data File : VW011920.D
 Acq On : 15 Aug 2019 10:32
 Operator : SY/VA
 Sample : K4357-01
 Misc : 4.11G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GANJ6

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\SOM2WLM073019S.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	1.965	6	10	11	rBV3	3240	4492	0.37%	0.047%
2	2.154	36	41	46	rBV2	3425	8197	0.68%	0.085%
3	2.300	63	65	66	rBV2	1341	1017	0.08%	0.011%
4	2.349	67	73	81	rVV	75125	134291	11.18%	1.391%
5	2.495	92	97	106	rBV	14632	31851	2.65%	0.330%
6	2.885	154	161	173	rBV	53481	131184	10.92%	1.359%
7	3.208	213	214	217	rVB3	856	834	0.07%	0.009%
8	3.269	220	224	227	rBV4	1013	1817	0.15%	0.019%
9	3.385	237	243	252	rVB2	10091	23827	1.98%	0.247%
10	3.550	266	270	273	rVV3	1279	1969	0.16%	0.020%
11	3.684	288	292	293	rBV4	558	748	0.06%	0.008%
12	3.855	312	320	322	rBV5	1907	3797	0.32%	0.039%
13	4.019	335	347	358	rBV2	126443	401709	33.45%	4.162%
14	4.117	358	363	378	rVB	20458	62389	5.20%	0.646%
15	4.354	398	402	403	rBV	832	806	0.07%	0.008%
16	4.379	404	406	407	rBV	1139	901	0.08%	0.009%
17	4.665	444	453	466	rVV2	37810	111433	9.28%	1.155%
18	4.915	483	494	506	rVB4	4111	15149	1.26%	0.157%
19	5.306	555	558	562	rBV5	531	949	0.08%	0.010%
20	5.775	629	635	637	rBV2	3839	6632	0.55%	0.069%
21	5.940	653	662	671	rVB6	1837	5467	0.46%	0.057%
22	6.592	768	769	777	rVB4	563	744	0.06%	0.008%
23	6.696	783	786	790	rBV3	515	770	0.06%	0.008%
24	6.903	810	820	828	rBV6	3049	10169	0.85%	0.105%
25	6.994	831	835	837	rBV3	1065	1271	0.11%	0.013%
26	7.073	839	848	862	rBV	52614	151566	12.62%	1.570%
27	7.647	931	942	958	rBV	200566	497460	41.43%	5.154%
28	7.921	984	987	988	rBV3	614	680	0.06%	0.007%
29	8.274	1035	1045	1061	rBV2	403649	1200850	100.00%	12.442%
30	8.500	1076	1082	1083	rBV4	642	861	0.07%	0.009%
31	8.549	1084	1090	1099	rVV2	8961	20796	1.73%	0.215%
32	8.616	1099	1101	1109	rVB6	1069	2073	0.17%	0.021%
33	8.707	1109	1116	1124	rBV5	6882	16913	1.41%	0.175%
34	8.841	1129	1138	1148	rBV	458890	892930	74.36%	9.252%

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35	8.957	1155	1157	1160	rVB3	984	962	0.08%	0.010%
36	9.043	1164	1171	1173	rBV5	1757	3382	0.28%	0.035%
37	9.274	1197	1209	1218	rBV	297453	599787	49.95%	6.215%
38	9.408	1225	1231	1240	rBV2	30523	59880	4.99%	0.620%
39	9.524	1248	1250	1256	rVB3	606	830	0.07%	0.009%
40	9.585	1256	1260	1261	rBV	875	780	0.06%	0.008%
41	9.658	1266	1272	1279	rVB7	2935	6127	0.51%	0.063%
42	9.768	1285	1290	1292	rBV2	468	799	0.07%	0.008%
43	10.036	1326	1334	1344	rBV	153085	278022	23.15%	2.881%
44	10.128	1344	1349	1354	rVB4	1886	3629	0.30%	0.038%
45	10.323	1371	1381	1388	rBV	514494	917535	76.41%	9.507%
46	10.384	1388	1391	1403	rVB	31360	56517	4.71%	0.586%
47	10.506	1406	1411	1415	rBV5	2929	5817	0.48%	0.060%
48	10.579	1415	1423	1431	rBV	104385	177614	14.79%	1.840%
49	10.701	1438	1443	1456	rBV2	16987	34148	2.84%	0.354%
50	10.926	1472	1480	1495	rVV	198024	347181	28.91%	3.597%
51	11.073	1497	1504	1518	rVV	258701	433543	36.10%	4.492%
52	11.176	1518	1521	1523	rVV4	1989	2956	0.25%	0.031%
53	11.408	1556	1559	1563	rBV4	846	1387	0.12%	0.014%
54	11.573	1580	1586	1588	rBV4	1462	2045	0.17%	0.021%
55	11.634	1588	1596	1605	rVV	563364	976719	81.34%	10.120%
56	11.731	1607	1612	1618	rVB8	2060	3744	0.31%	0.039%
57	11.835	1623	1629	1642	rBV	25281	54017	4.50%	0.560%
58	11.945	1645	1647	1653	rVB5	1581	2441	0.20%	0.025%
59	12.024	1656	1660	1661	rBV3	1354	1846	0.15%	0.019%
60	12.103	1671	1673	1678	rVB4	525	839	0.07%	0.009%
61	12.176	1678	1685	1687	rBV3	2647	4930	0.41%	0.051%
62	12.237	1691	1695	1697	rBV4	923	1293	0.11%	0.013%
63	12.341	1705	1712	1721	rBV4	11498	20824	1.73%	0.216%
64	12.469	1730	1733	1736	rVV3	1160	1378	0.11%	0.014%
65	12.609	1750	1756	1761	rVV	18736	30976	2.58%	0.321%
66	12.694	1763	1770	1777	rVV	218848	362914	30.22%	3.760%
67	12.755	1777	1780	1786	rVV4	2655	4375	0.36%	0.045%
68	12.804	1786	1788	1792	rVB3	786	1179	0.10%	0.012%
69	12.871	1795	1799	1802	rBV4	1631	2798	0.23%	0.029%
70	12.938	1806	1810	1815	rVB5	3326	6366	0.53%	0.066%
71	13.042	1822	1827	1831	rBV5	1170	2271	0.19%	0.024%

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Integration Parameters: LSCINT.P

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72	13.109	1832	1838	1842	rVV6	2416	4634	0.39%	0.048%
73	13.164	1842	1847	1851	rVB6	1651	2950	0.25%	0.031%
74	13.249	1858	1861	1872	rVB5	4540	10243	0.85%	0.106%
75	13.328	1872	1874	1879	rVB2	674	776	0.06%	0.008%
76	13.396	1879	1885	1892	rBV3	8944	16492	1.37%	0.171%
77	13.493	1894	1901	1904	rBV8	1829	4031	0.34%	0.042%
78	13.560	1905	1912	1923	rVV	479869	773810	64.44%	8.018%
79	13.652	1923	1927	1933	rVB2	3821	6512	0.54%	0.067%
80	13.755	1941	1944	1948	rBV5	1164	1825	0.15%	0.019%
81	13.853	1953	1960	1968	rBV	379834	618982	51.55%	6.413%
82	14.017	1984	1987	1989	rBV3	1341	1751	0.15%	0.018%
83	14.072	1991	1996	2003	rVB2	10057	18175	1.51%	0.188%
84	14.206	2014	2018	2019	rBV5	1022	825	0.07%	0.009%
85	14.328	2033	2038	2044	rBV5	5245	9300	0.77%	0.096%
86	14.517	2064	2069	2070	rBV4	926	1336	0.11%	0.014%
87	14.627	2082	2087	2095	rBV10	2364	4856	0.40%	0.050%
88	14.694	2095	2098	2100	rBV3	839	1137	0.09%	0.012%
89	14.816	2113	2118	2121	rVB7	886	1698	0.14%	0.018%
90	15.066	2155	2159	2160	rBV3	1097	1502	0.13%	0.016%
91	15.133	2165	2170	2174	rBV7	1235	2420	0.20%	0.025%
92	15.182	2176	2178	2179	rBV2	923	898	0.07%	0.009%
93	15.255	2188	2190	2194	rVB4	823	986	0.08%	0.010%
94	15.371	2206	2209	2214	rVB4	1244	1455	0.12%	0.015%
95	15.560	2236	2240	2243	rVB6	1652	2459	0.20%	0.025%
96	15.639	2251	2253	2259	rVB6	732	727	0.06%	0.008%
97	15.828	2281	2284	2286	rVB4	770	789	0.07%	0.008%
98	15.852	2286	2288	2290	rBV3	567	689	0.06%	0.007%
99	16.419	2379	2381	2385	rBV4	623	863	0.07%	0.009%
100	16.456	2385	2387	2389	rVV3	683	780	0.06%	0.008%

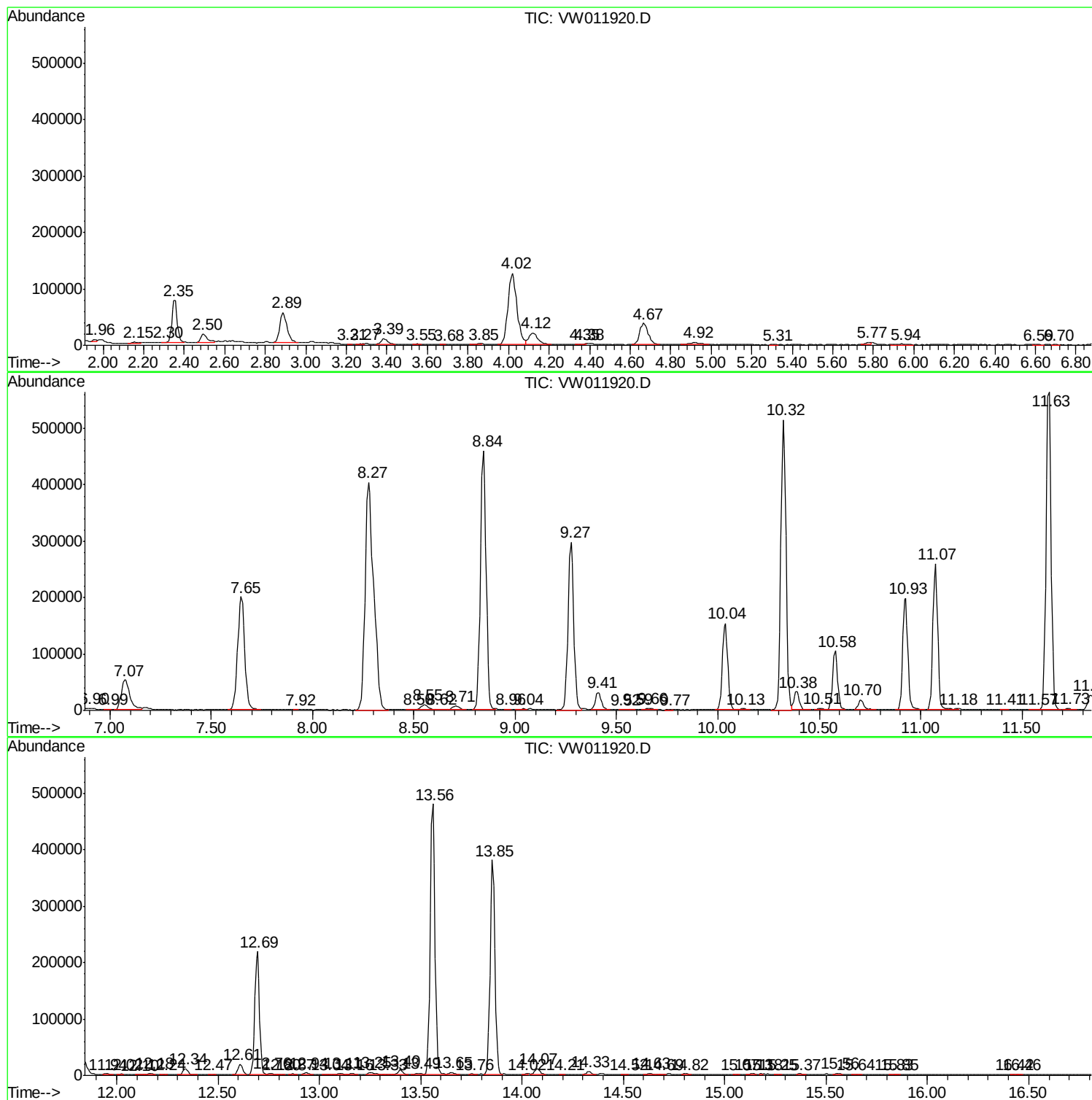
Sum of corrected areas: 9651294

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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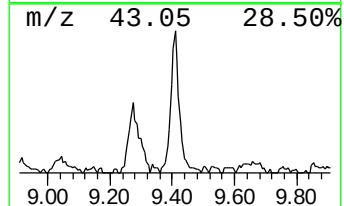
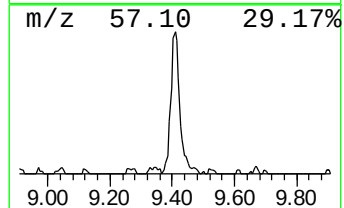
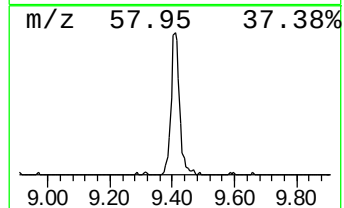
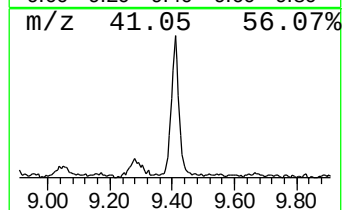
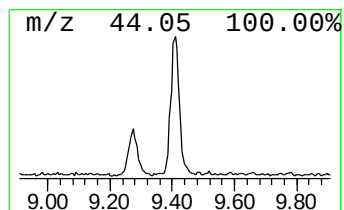
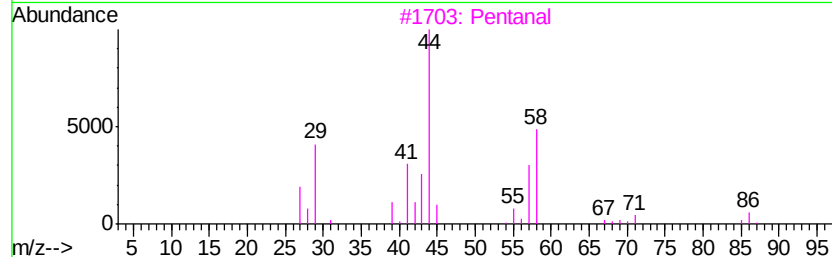
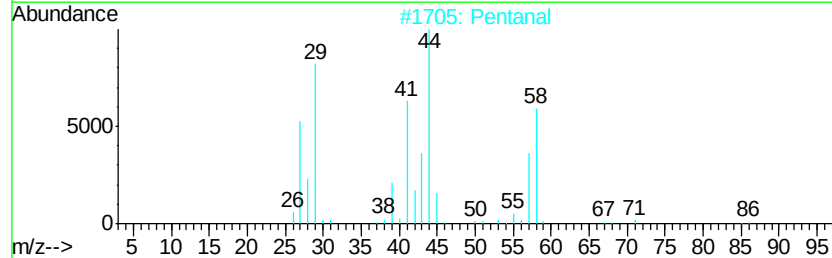
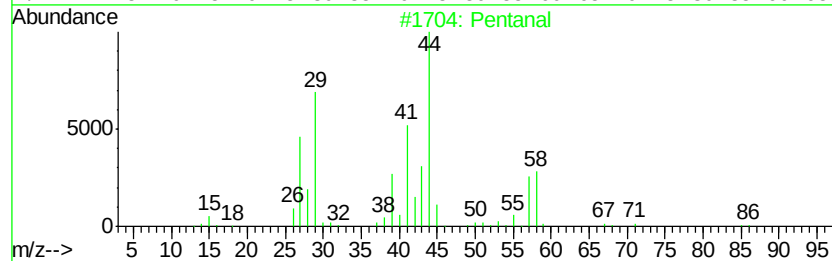
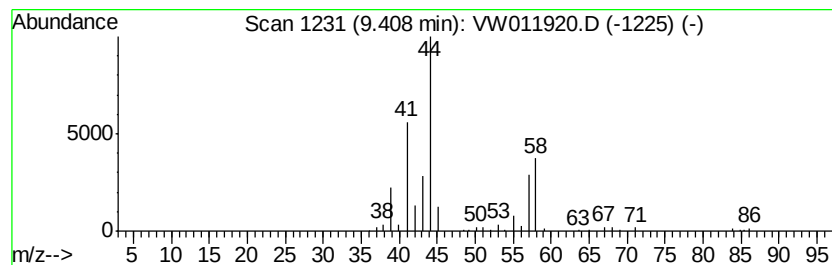
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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	1.68 ug/L	59880	1,4-Difluorobenzene	8.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal		86	C5H10O	000110-62-3	90
2	Pentanal		86	C5H10O	000110-62-3	78
3	Pentanal		86	C5H10O	000110-62-3	64
4	Butanal, 3-methyl-		86	C5H10O	000590-86-3	50
5	Cyclopropyl carbinol		72	C4H8O	002516-33-8	45



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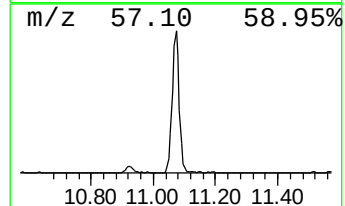
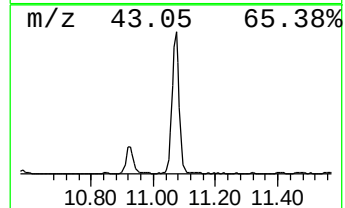
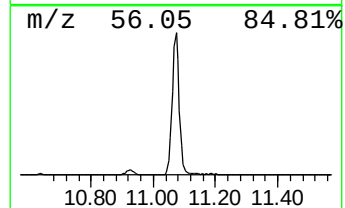
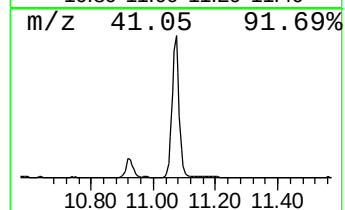
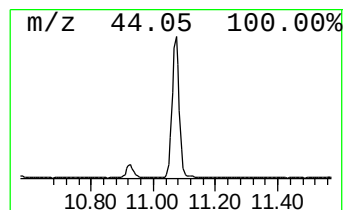
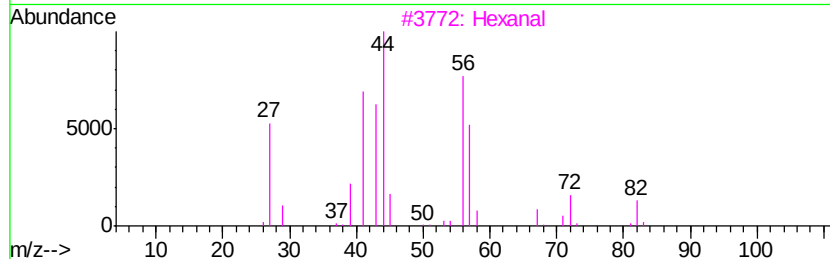
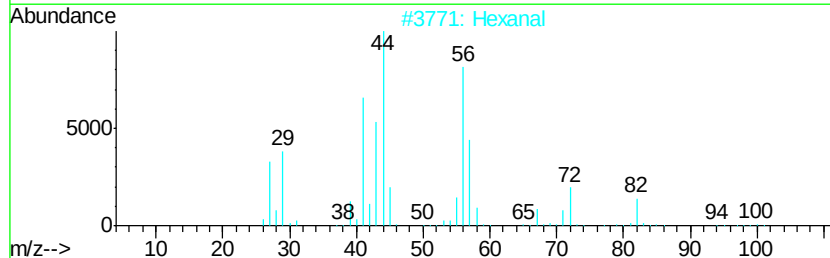
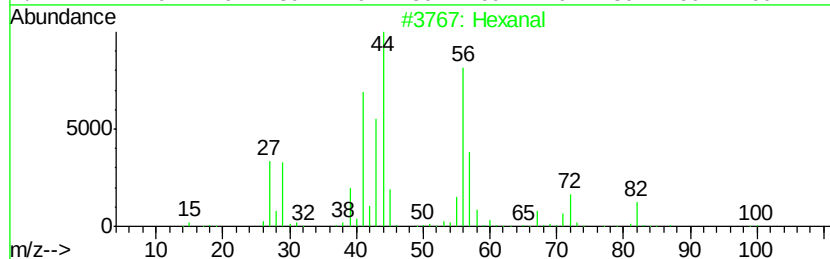
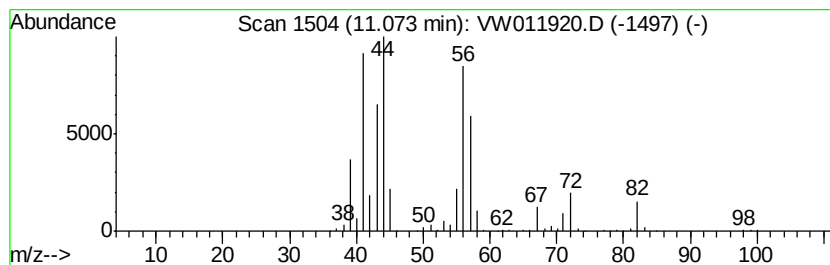
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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.
11.07	11.10 ug/L	433543	Chlorobenzene-d5	11.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	91
2		Hexanal	100	C6H12O	000066-25-1	90
3		Hexanal	100	C6H12O	000066-25-1	90
4		Hexanal	100	C6H12O	000066-25-1	83
5		Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	56



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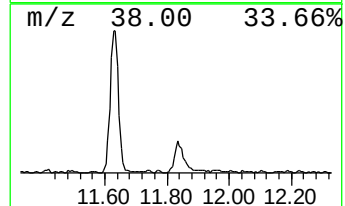
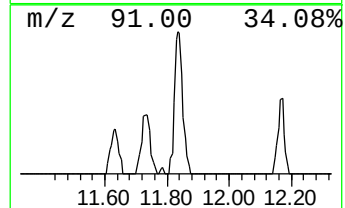
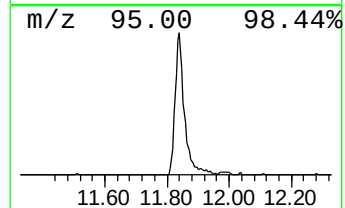
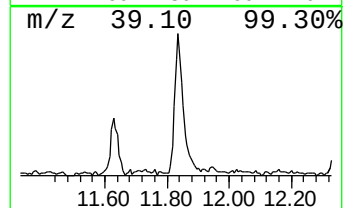
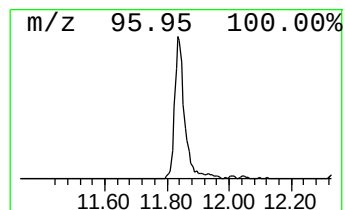
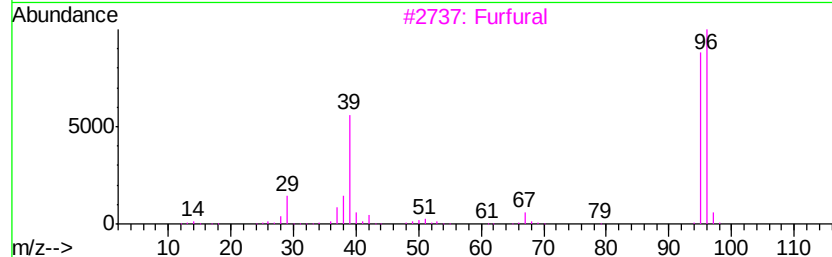
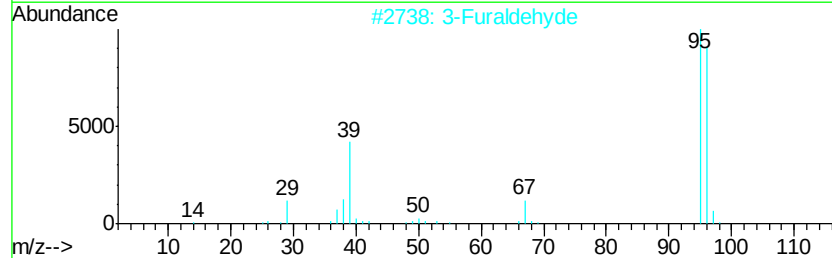
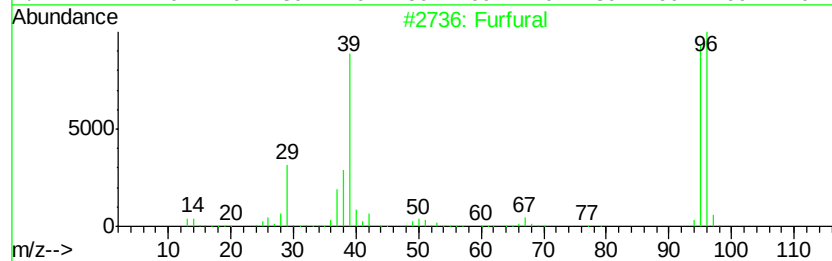
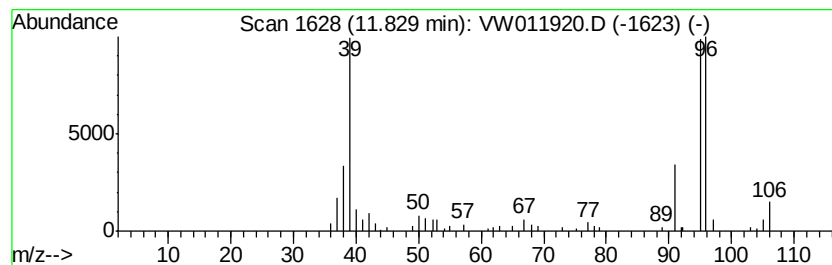
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Quant Title : VOC Analysis

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

Peak Number 4 Furfural Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	1.38 ug/L	54017	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furfural		96	C5H4O2	000098-01-1	95
2	3-Furaldehyde		96	C5H4O2	000498-60-2	91
3	Furfural		96	C5H4O2	000098-01-1	91
4	2(1H)-Pyridinone		95	C5H5NO	000142-08-5	83
5	2H-Pyran-2-one		96	C5H4O2	000504-31-4	80



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Operator : SY/VA
Sample : K4357-01
Misc : 4.11G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GANJ6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentanal	9.41	1.7	ug/L	59880	1	8.84	892930	25.0
Hexanal	11.07	11.1	ug/L	433543	2	11.63	976719	25.0
Furfural	11.83	1.4	ug/L	54017	2	11.63	976719	25.0