

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\
 Data File : VU032556.D
 Acq On : 10 Jun 2019 11:04
 Operator : JC/SP
 Sample : K3277-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8B0

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_U\METHOD\SOMULM060619WMA.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	1.177	22	27	35	rBV	13911	13808	1.84%	0.189%
2	1.396	88	95	110	rVB	112392	112771	15.02%	1.544%
3	1.470	112	118	126	rBV	27708	29735	3.96%	0.407%
4	1.675	174	182	200	rVB	82572	104793	13.96%	1.435%
5	2.267	351	366	376	rBV	181372	283301	37.73%	3.880%
6	2.315	377	381	400	rVB	12900	21192	2.82%	0.290%
7	2.441	409	420	439	rBV	6917	12893	1.72%	0.177%
8	2.614	471	474	480	rVB2	542	444	0.06%	0.006%
9	2.830	531	541	543	rBV3	1824	2342	0.31%	0.032%
10	2.939	567	575	584	rBV2	1007	2183	0.29%	0.030%
11	2.977	584	587	591	rVB2	425	296	0.04%	0.004%
12	3.003	591	595	601	rBV	335	267	0.04%	0.004%
13	3.132	631	635	638	rVB2	331	206	0.03%	0.003%
14	3.174	644	648	651	rBV2	352	341	0.05%	0.005%
15	3.331	694	697	703	rVV2	154	203	0.03%	0.003%
16	3.669	795	802	808	rBV2	200	298	0.04%	0.004%
17	3.833	849	853	858	rBV	252	202	0.03%	0.003%
18	3.994	893	903	921	rBV4	3700	9454	1.26%	0.129%
19	4.167	945	957	984	rBV	78083	206279	27.47%	2.825%
20	4.640	1088	1104	1130	rVV	122931	291888	38.88%	3.997%
21	4.759	1139	1141	1145	rVB2	579	325	0.04%	0.004%
22	4.875	1168	1177	1178	rBV3	384	434	0.06%	0.006%
23	4.887	1178	1181	1187	rVV3	495	491	0.07%	0.007%
24	5.013	1209	1220	1234	rVV3	2084	5616	0.75%	0.077%
25	5.067	1234	1237	1240	rVV2	420	332	0.04%	0.005%
26	5.087	1240	1243	1248	rVB3	355	315	0.04%	0.004%
27	5.122	1252	1254	1258	rVV	261	194	0.03%	0.003%
28	5.183	1267	1273	1277	rBV	239	264	0.04%	0.004%
29	5.331	1296	1319	1343	rBV2	257806	750818	100.00%	10.282%
30	5.752	1447	1450	1456	rBV3	343	305	0.04%	0.004%
31	5.775	1456	1457	1463	rVB	304	196	0.03%	0.003%
32	5.881	1476	1490	1518	rBV	249129	494216	65.82%	6.768%
33	6.180	1570	1583	1605	rBV	358951	694124	92.45%	9.506%
34	6.325	1615	1628	1651	rVB	166209	332714	44.31%	4.556%

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 Title : VOC Analysis

35	6.428	1657	1660	1663	rBV4	484	419	0.06%	0.006%
36	6.456	1666	1669	1675	rVB5	645	644	0.09%	0.009%
37	6.540	1686	1695	1712	rBV4	4160	9517	1.27%	0.130%
38	6.797	1770	1775	1778	rBV3	280	257	0.03%	0.004%
39	6.936	1814	1818	1822	rBV2	297	234	0.03%	0.003%
40	7.116	1865	1874	1888	rVV2	2612	4990	0.66%	0.068%
41	7.222	1895	1907	1934	rBV	102818	185652	24.73%	2.542%
42	7.328	1938	1940	1942	rVV2	514	308	0.04%	0.004%
43	7.357	1946	1949	1953	rVV3	328	339	0.05%	0.005%
44	7.379	1953	1956	1959	rVV3	298	254	0.03%	0.003%
45	7.395	1959	1961	1965	rVB2	319	222	0.03%	0.003%
46	7.437	1971	1974	1977	rBV2	423	302	0.04%	0.004%
47	7.466	1978	1983	1990	rVV4	815	809	0.11%	0.011%
48	7.559	1999	2012	2028	rBV	354312	616200	82.07%	8.439%
49	7.636	2030	2036	2054	rVB3	11009	21320	2.84%	0.292%
50	7.788	2081	2083	2086	rVB2	567	287	0.04%	0.004%
51	7.845	2090	2101	2123	rBV	68937	122436	16.31%	1.677%
52	8.103	2177	2181	2188	rBV3	509	537	0.07%	0.007%
53	8.148	2188	2195	2196	rBV2	1198	904	0.12%	0.012%
54	8.164	2198	2200	2201	rBV2	767	313	0.04%	0.004%
55	8.305	2232	2244	2281	rBV	236146	445097	59.28%	6.095%
56	8.463	2284	2293	2313	rVB	37930	66004	8.79%	0.904%
57	8.704	2362	2368	2372	rBV2	167	207	0.03%	0.003%
58	8.897	2425	2428	2434	rVB4	498	580	0.08%	0.008%
59	8.929	2434	2438	2442	rBV2	248	192	0.03%	0.003%
60	9.083	2473	2486	2518	rBV	356305	606384	80.76%	8.304%
61	9.289	2546	2550	2552	rBV2	573	412	0.05%	0.006%
62	9.710	2673	2681	2684	rBV5	1869	2642	0.35%	0.036%
63	9.826	2713	2717	2719	rBV3	612	430	0.06%	0.006%
64	9.932	2742	2750	2755	rBV3	1396	2011	0.27%	0.028%
65	10.029	2771	2780	2794	rBV4	10969	18825	2.51%	0.258%
66	10.148	2814	2817	2821	rVB2	393	309	0.04%	0.004%
67	10.173	2821	2825	2827	rBV2	252	191	0.03%	0.003%
68	10.225	2835	2841	2844	rBV2	234	263	0.04%	0.004%
69	10.376	2883	2888	2892	rBV3	457	517	0.07%	0.007%
70	10.427	2892	2904	2928	rVV	238330	384663	51.23%	5.268%
71	10.601	2951	2958	2973	rBV3	2083	3237	0.43%	0.044%

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72	10.742	2992	3002	3015	rBV4	2789	5664	0.75%	0.078%
73	10.884	3041	3046	3048	rBV2	396	277	0.04%	0.004%
74	10.948	3059	3066	3071	rBV3	1151	1526	0.20%	0.021%
75	10.987	3076	3078	3082	rVB2	565	368	0.05%	0.005%
76	11.058	3095	3100	3102	rBV2	695	729	0.10%	0.010%
77	11.160	3126	3132	3141	rVB5	1692	2270	0.30%	0.031%
78	11.257	3150	3162	3174	rBV5	3502	6613	0.88%	0.091%
79	11.366	3183	3196	3217	rBV2	30394	53157	7.08%	0.728%
80	11.479	3219	3231	3252	rBV	387825	628041	83.65%	8.601%
81	11.749	3304	3315	3336	rBV2	9286	21438	2.86%	0.294%
82	11.855	3336	3348	3370	rVV	362790	593614	79.06%	8.129%
83	12.041	3404	3406	3410	rBV3	442	322	0.04%	0.004%
84	12.067	3410	3414	3415	rBV2	753	506	0.07%	0.007%
85	12.115	3427	3429	3434	rVB3	477	307	0.04%	0.004%
86	12.254	3469	3472	3473	rBV2	1048	598	0.08%	0.008%
87	12.472	3533	3540	3551	rVB7	1226	2238	0.30%	0.031%
88	12.562	3557	3568	3583	rBV	62038	107232	14.28%	1.468%
89	12.829	3647	3651	3655	rVB5	570	528	0.07%	0.007%
90	12.852	3655	3658	3659	rBV	469	259	0.03%	0.004%
91	13.160	3749	3754	3763	rVB4	968	1665	0.22%	0.023%
92	13.238	3775	3778	3782	rBV3	340	249	0.03%	0.003%
93	13.279	3788	3791	3793	rBV	319	201	0.03%	0.003%
94	13.488	3852	3856	3857	rBV2	458	265	0.04%	0.004%
95	13.668	3906	3912	3913	rBV2	913	806	0.11%	0.011%
96	13.893	3979	3982	3984	rBV2	319	198	0.03%	0.003%
97	13.996	4008	4014	4017	rBV4	632	707	0.09%	0.010%
98	14.800	4261	4264	4270	rBV3	433	402	0.05%	0.006%
99	15.633	4521	4523	4529	rVB3	557	494	0.07%	0.007%
100	16.218	4703	4705	4709	rBV2	630	349	0.05%	0.005%

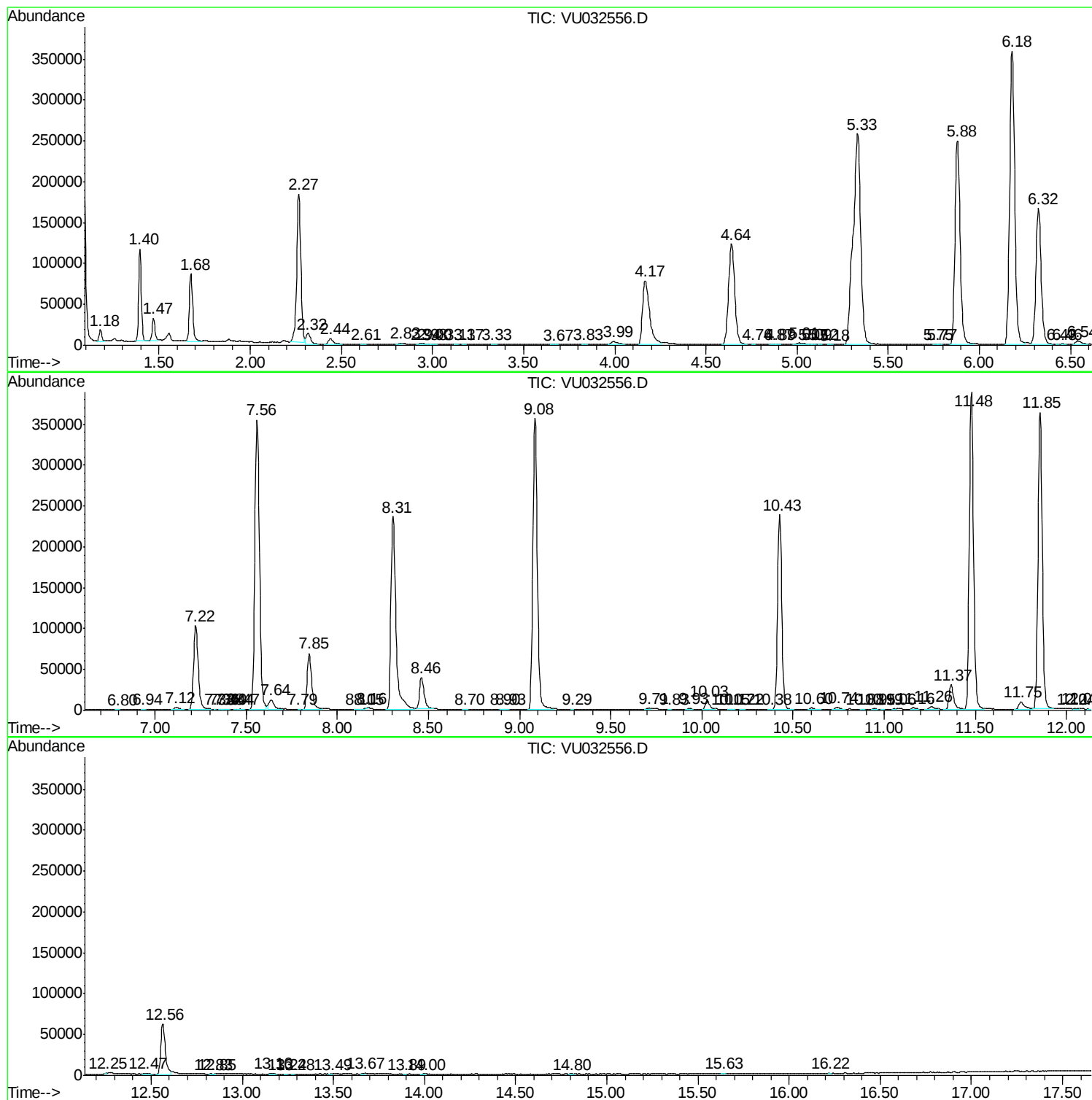
Sum of corrected areas: 7302171

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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



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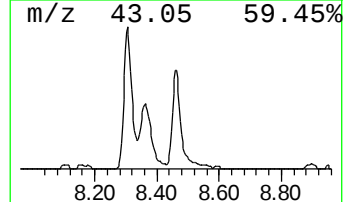
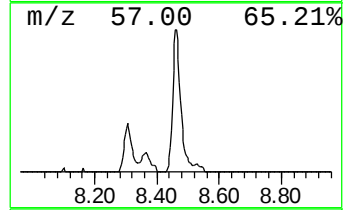
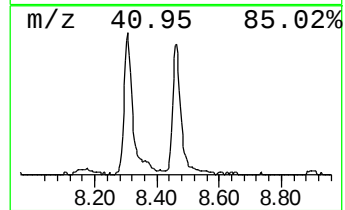
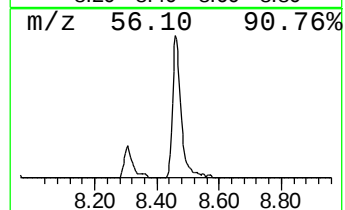
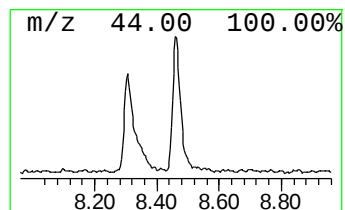
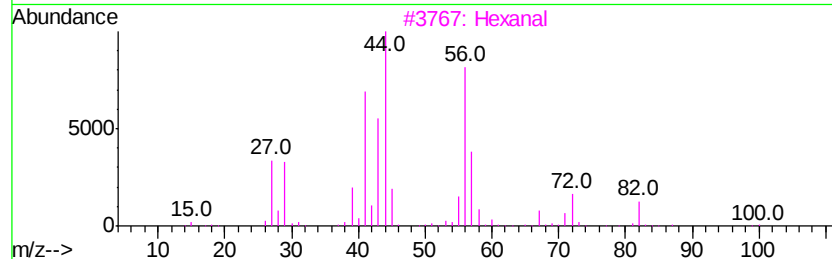
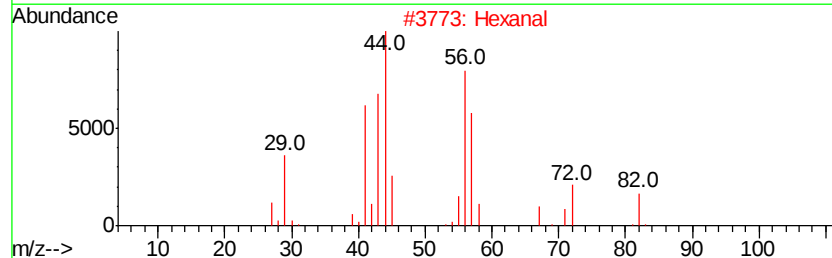
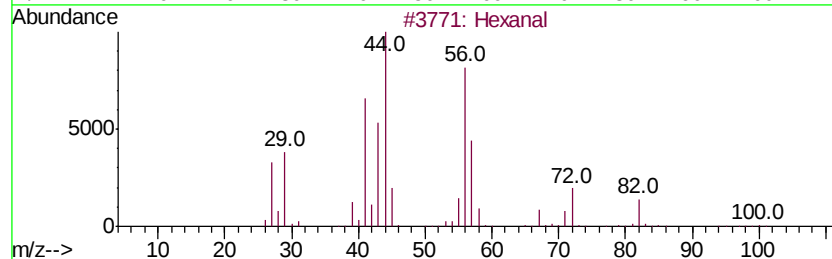
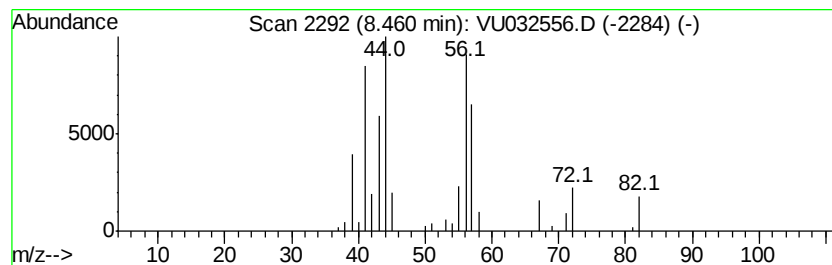
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Hexanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	5.44 ug/L	66004	Chlorobenzene-d5	9.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	80
2		Hexanal	100	C6H12O	000066-25-1	72
3		Hexanal	100	C6H12O	000066-25-1	72
4		Hexanal	100	C6H12O	000066-25-1	64
5		2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	32



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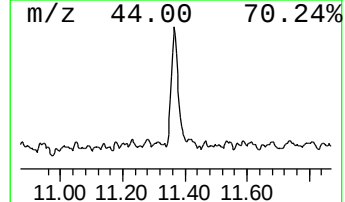
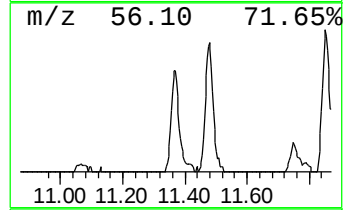
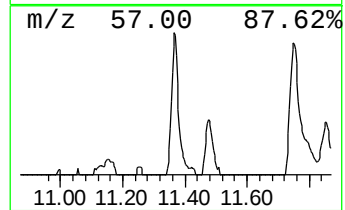
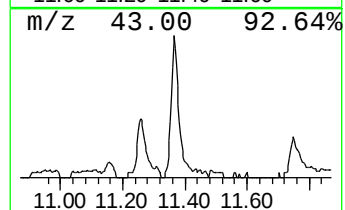
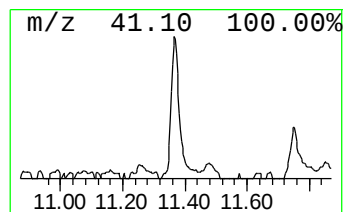
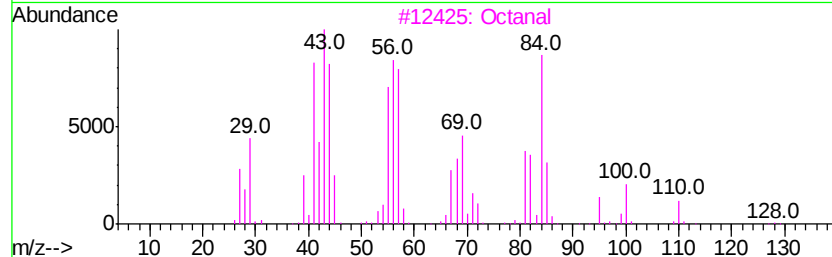
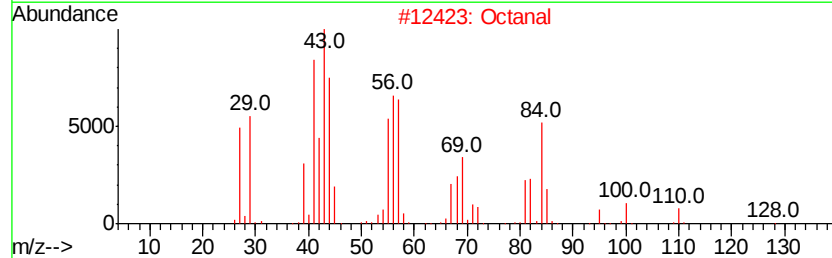
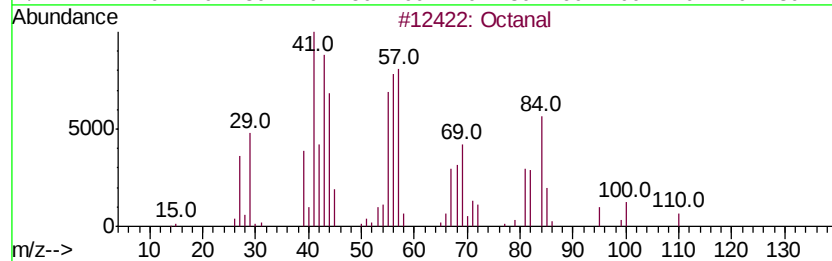
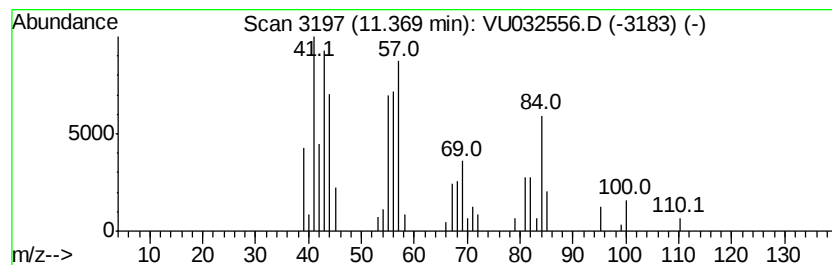
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Octanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	4.23 ug/L	53157	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octanal	128	C8H16O	000124-13-0	91
2		Octanal	128	C8H16O	000124-13-0	91
3		Octanal	128	C8H16O	000124-13-0	91
4		Octanal	128	C8H16O	000124-13-0	90
5		Octanal	128	C8H16O	000124-13-0	78



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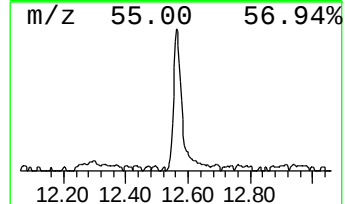
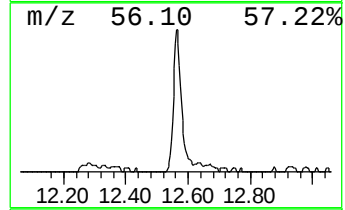
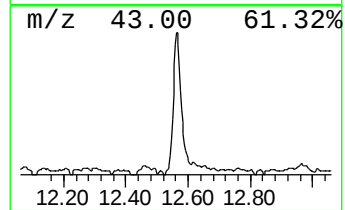
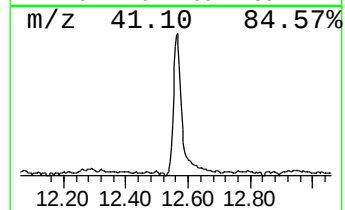
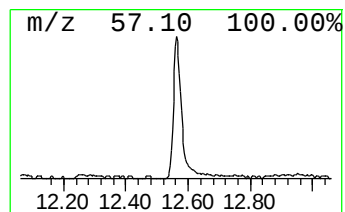
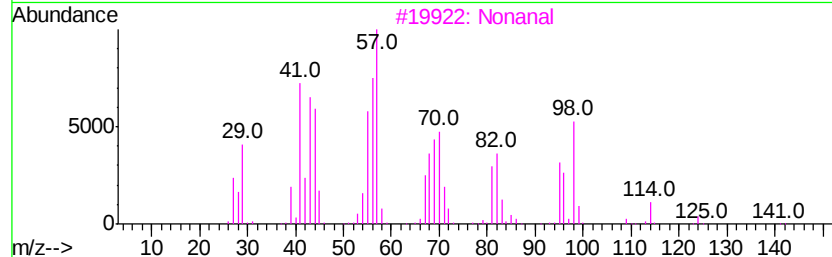
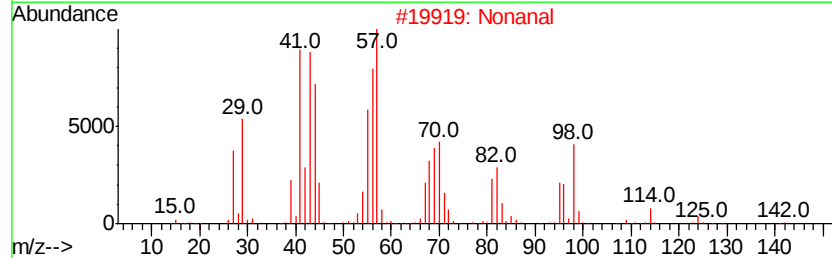
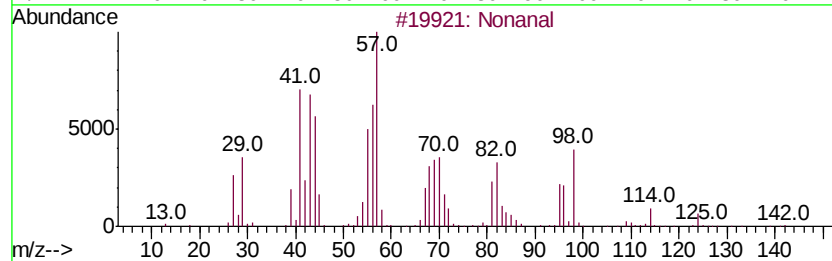
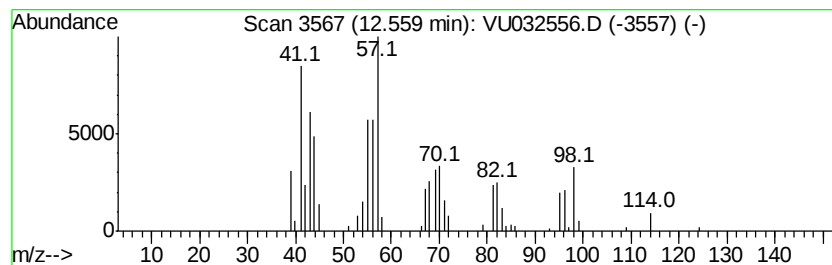
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Quant Title : VOC Analysis

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Peak Number 5 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.56	8.54 ug/L	107232	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonanal		142 C9H18O	000124-19-6 91
2	Nonanal		142 C9H18O	000124-19-6 90
3	Nonanal		142 C9H18O	000124-19-6 80
4	Nonanal		142 C9H18O	000124-19-6 59
5	Cyclohexanol, 2-methyl-, trans-		114 C7H14O	007443-52-9 38



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Instrument :
MSVOA_U
ClientSampleId :
DB8B0

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.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
Hexanal	8.46	5.4	ug/L	66004	2	9.08	606384	50.0
Octanal	11.37	4.2	ug/L	53157	3	11.48	628041	50.0
Nonanal	12.56	8.5	ug/L	107232	3	11.48	628041	50.0