

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\
 Data File : VU032582.D
 Acq On : 10 Jun 2019 21:56
 Operator : JC/SP
 Sample : K3277-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8C3

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	1.395	89	95	107	rVB	98949	101624	14.59%	1.646%
2	1.675	175	182	197	rVB	76875	92862	13.33%	1.504%
3	2.267	358	366	377	rVB	160862	236193	33.91%	3.826%
4	2.440	411	420	442	rBV	33290	60031	8.62%	0.972%
5	3.071	611	616	622	rBV2	212	306	0.04%	0.005%
6	3.267	672	677	683	rBV2	212	367	0.05%	0.006%
7	3.366	705	708	709	rBV	163	100	0.01%	0.002%
8	3.469	737	740	741	rBV	226	135	0.02%	0.002%
9	3.559	764	768	770	rBV	268	211	0.03%	0.003%
10	3.627	786	789	792	rBV2	218	163	0.02%	0.003%
11	3.823	847	850	852	rBV	103	68	0.01%	0.001%
12	3.858	859	861	863	rBV	176	106	0.02%	0.002%
13	4.000	898	905	911	rBV5	1356	2259	0.32%	0.037%
14	4.170	946	958	985	rBV	67254	177262	25.45%	2.872%
15	4.643	1089	1105	1131	rBV2	114862	269927	38.75%	4.373%
16	4.826	1160	1162	1166	rVV2	160	76	0.01%	0.001%
17	4.849	1166	1169	1173	rBV2	310	291	0.04%	0.005%
18	4.942	1194	1198	1200	rBV2	217	173	0.02%	0.003%
19	4.974	1206	1208	1210	rBV	102	56	0.01%	0.001%
20	4.987	1210	1212	1213	rBV	303	130	0.02%	0.002%
21	5.022	1219	1223	1229	rBV2	414	418	0.06%	0.007%
22	5.051	1230	1232	1234	rVB2	201	83	0.01%	0.001%
23	5.067	1234	1237	1240	rBV	160	112	0.02%	0.002%
24	5.334	1298	1320	1348	rBV2	239335	696607	100.00%	11.285%
25	5.575	1392	1395	1398	rBV2	281	233	0.03%	0.004%
26	5.701	1433	1434	1437	rVB2	126	67	0.01%	0.001%
27	5.730	1440	1443	1447	rVB	108	61	0.01%	0.001%
28	5.881	1477	1490	1518	rBV	223996	435201	62.47%	7.050%
29	6.180	1570	1583	1605	rBV	149468	294317	42.25%	4.768%
30	6.325	1614	1628	1653	rBV	155408	308407	44.27%	4.996%
31	6.447	1664	1666	1668	rBV2	550	368	0.05%	0.006%
32	6.537	1687	1694	1708	rBV3	4077	8497	1.22%	0.138%
33	6.652	1728	1730	1734	rBV	236	111	0.02%	0.002%
34	6.688	1738	1741	1744	rVV	243	148	0.02%	0.002%

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 Title : VOC Analysis

35	6.765	1762	1765	1767	rBV	197	131	0.02%	0.002%
36	6.813	1775	1780	1783	rBV2	302	215	0.03%	0.003%
37	6.887	1797	1803	1805	rBV2	239	176	0.03%	0.003%
38	6.903	1805	1808	1810	rBV	175	112	0.02%	0.002%
39	7.045	1849	1852	1854	rVB	161	87	0.01%	0.001%
40	7.061	1854	1857	1859	rVB	107	55	0.01%	0.001%
41	7.083	1859	1864	1867	rBV2	182	179	0.03%	0.003%
42	7.225	1896	1908	1931	rBV	88489	159789	22.94%	2.589%
43	7.415	1965	1967	1968	rBV	151	60	0.01%	0.001%
44	7.498	1988	1993	1996	rBV2	175	171	0.02%	0.003%
45	7.559	1999	2012	2033	rBV	320252	555724	79.78%	9.003%
46	7.845	2090	2101	2126	rBV	60120	105429	15.13%	1.708%
47	8.032	2158	2159	2161	rVB	173	58	0.01%	0.001%
48	8.051	2161	2165	2168	rBV2	187	164	0.02%	0.003%
49	8.090	2172	2177	2180	rBV	257	264	0.04%	0.004%
50	8.106	2180	2182	2186	rVB2	172	97	0.01%	0.002%
51	8.167	2196	2201	2205	rBV5	1002	1201	0.17%	0.019%
52	8.247	2224	2226	2229	rVB	212	97	0.01%	0.002%
53	8.305	2234	2244	2278	rBV	207839	392824	56.39%	6.364%
54	8.463	2285	2293	2314	rVB	36889	64948	9.32%	1.052%
55	8.575	2326	2328	2330	rBV2	239	85	0.01%	0.001%
56	8.672	2353	2358	2361	rBV2	300	247	0.04%	0.004%
57	8.784	2389	2393	2396	rBV2	286	223	0.03%	0.004%
58	8.877	2419	2422	2423	rBV	100	61	0.01%	0.001%
59	8.971	2446	2451	2455	rBV2	228	213	0.03%	0.003%
60	8.993	2455	2458	2460	rBV2	145	90	0.01%	0.001%
61	9.083	2475	2486	2512	rBV	319009	530673	76.18%	8.597%
62	9.279	2544	2547	2551	rBV2	303	197	0.03%	0.003%
63	9.318	2556	2559	2569	rBV2	239	344	0.05%	0.006%
64	9.598	2642	2646	2649	rBV2	225	199	0.03%	0.003%
65	9.665	2661	2667	2670	rBV2	236	259	0.04%	0.004%
66	9.823	2714	2716	2718	rBV	304	157	0.02%	0.003%
67	9.932	2745	2750	2761	rBV3	1152	1683	0.24%	0.027%
68	10.029	2771	2780	2804	rVB3	10602	19307	2.77%	0.313%
69	10.112	2804	2806	2810	rBV2	189	116	0.02%	0.002%
70	10.154	2816	2819	2822	rBV3	212	166	0.02%	0.003%
71	10.427	2892	2904	2923	rBV	219665	352176	50.56%	5.705%

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72	10.530	2934	2936	2941	rBV	226	158	0.02%	0.003%
73	10.607	2954	2960	2965	rBV3	360	512	0.07%	0.008%
74	10.652	2971	2974	2975	rBV	131	82	0.01%	0.001%
75	10.694	2984	2987	2988	rBV	97	57	0.01%	0.001%
76	10.746	2993	3003	3010	rVV7	2272	4294	0.62%	0.070%
77	10.874	3041	3043	3045	rBV	116	72	0.01%	0.001%
78	10.887	3045	3047	3050	rVV	160	113	0.02%	0.002%
79	10.948	3063	3066	3075	rVB5	750	917	0.13%	0.015%
80	10.983	3075	3077	3079	rVB	244	124	0.02%	0.002%
81	11.032	3090	3092	3093	rBV	161	73	0.01%	0.001%
82	11.090	3102	3110	3113	rBV3	651	955	0.14%	0.015%
83	11.199	3142	3144	3148	rVB2	289	158	0.02%	0.003%
84	11.260	3158	3163	3174	rVB5	1680	2580	0.37%	0.042%
85	11.366	3186	3196	3214	rBV2	43061	71733	10.30%	1.162%
86	11.479	3220	3231	3251	rBV	323043	516255	74.11%	8.363%
87	11.749	3307	3315	3328	rBV3	8608	16904	2.43%	0.274%
88	11.855	3336	3348	3369	rBV	313908	508516	73.00%	8.238%
89	12.266	3474	3476	3478	rBV2	256	151	0.02%	0.002%
90	12.286	3478	3482	3483	rBV3	468	358	0.05%	0.006%
91	12.424	3523	3525	3528	rBV3	380	204	0.03%	0.003%
92	12.504	3548	3550	3556	rVB3	506	341	0.05%	0.006%
93	12.565	3559	3569	3591	rBV	101054	171555	24.63%	2.779%
94	12.868	3658	3663	3665	rBV	512	490	0.07%	0.008%
95	12.916	3677	3678	3681	rBV	310	159	0.02%	0.003%
96	13.061	3720	3723	3725	rBV	433	270	0.04%	0.004%
97	13.299	3795	3797	3798	rBV	359	146	0.02%	0.002%
98	13.482	3852	3854	3856	rBV2	426	264	0.04%	0.004%
99	13.697	3918	3921	3923	rBV2	544	328	0.05%	0.005%
100	13.752	3936	3938	3942	rBV	280	159	0.02%	0.003%

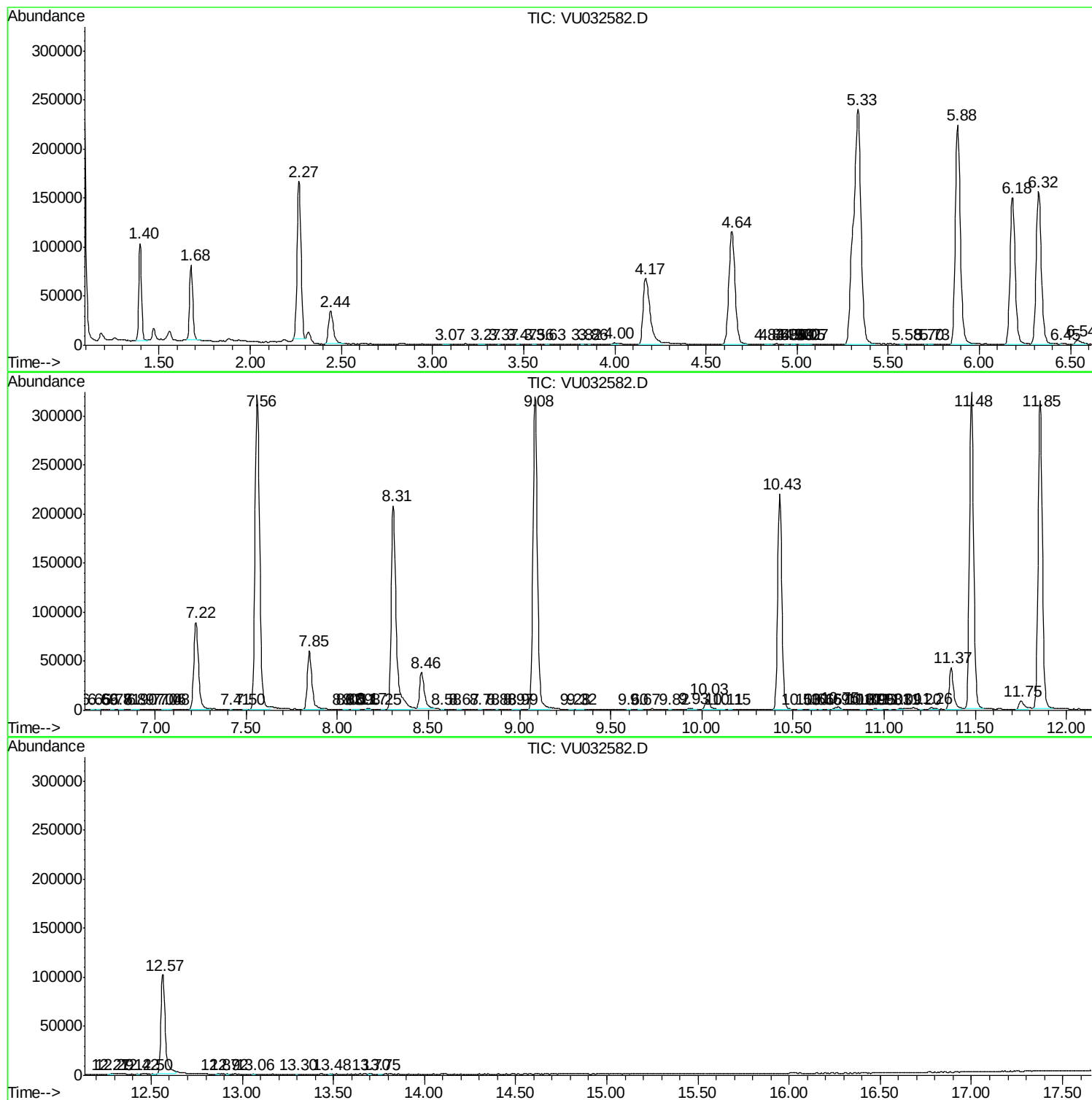
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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



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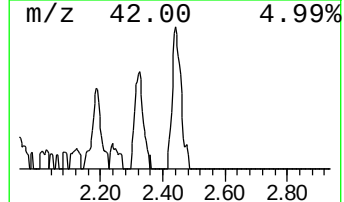
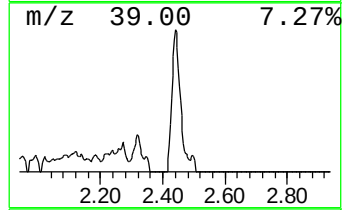
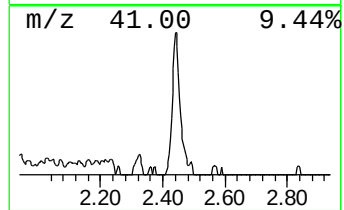
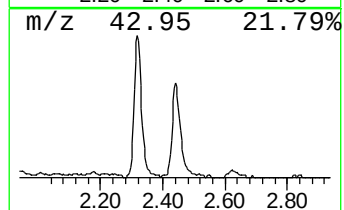
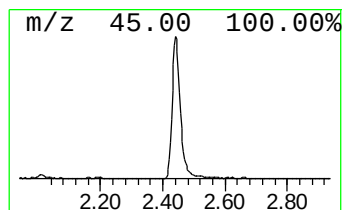
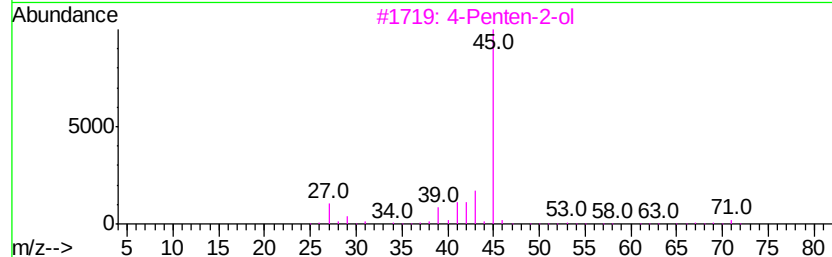
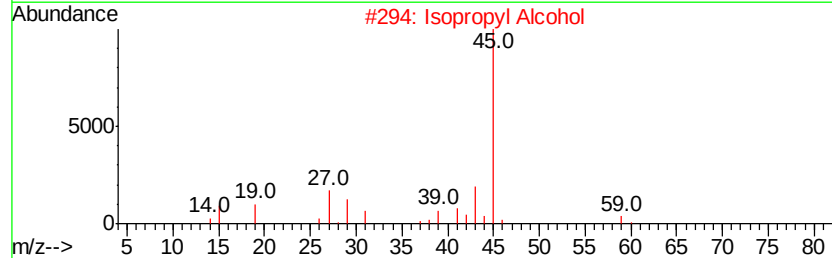
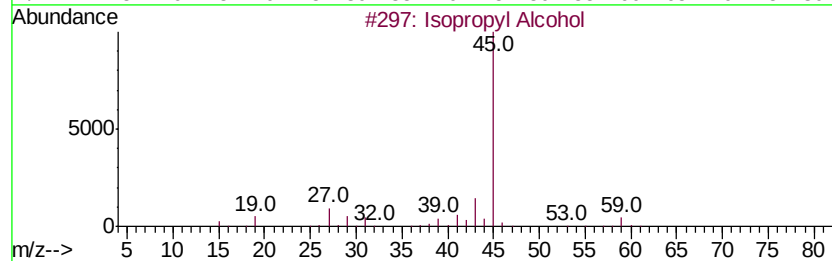
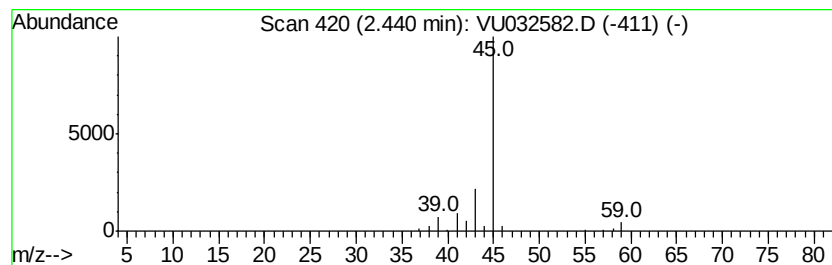
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	6.90 ug/L	60031	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	40
3		4-Penten-2-ol	86	C5H10O	000625-31-0	9
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5		Formamide	45	CH3NO	000075-12-7	5



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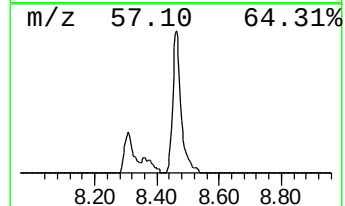
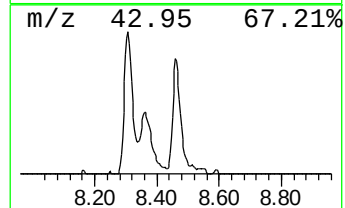
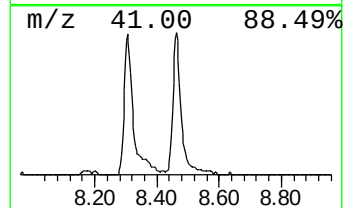
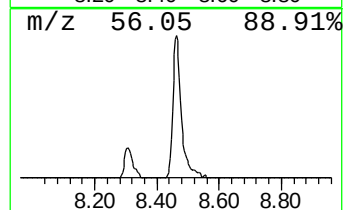
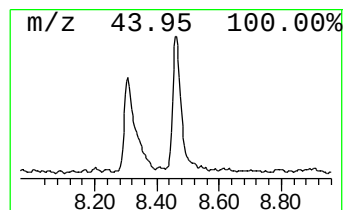
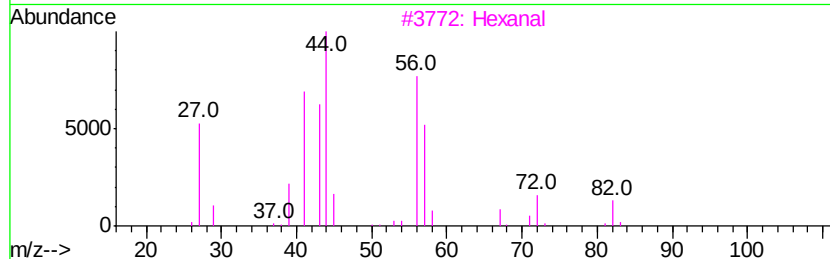
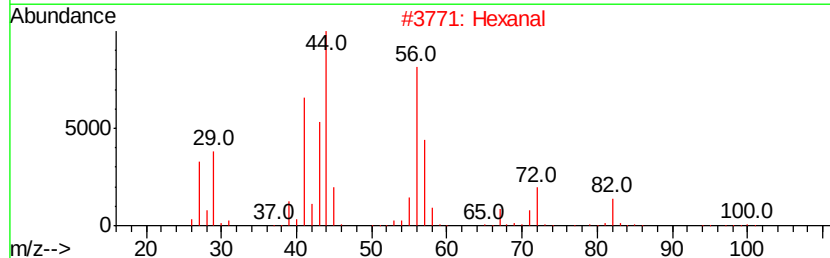
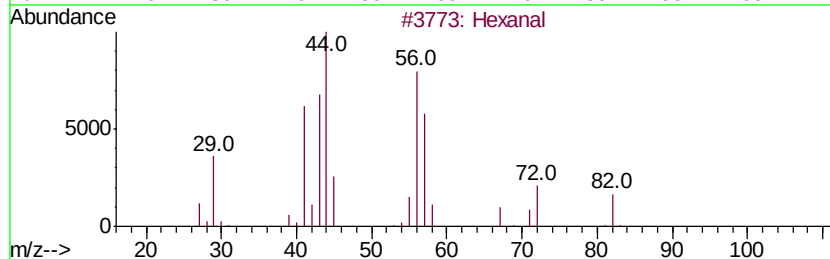
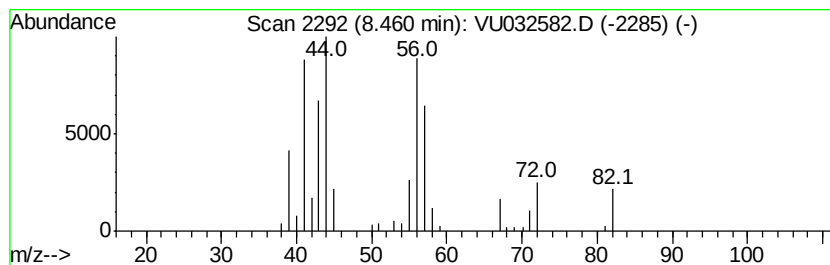
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Hexanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	6.12 ug/L	64948	Chlorobenzene-d5	9.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	72
2		Hexanal	100	C6H12O	000066-25-1	72
3		Hexanal	100	C6H12O	000066-25-1	64
4		Hexanal	100	C6H12O	000066-25-1	64
5		Cyclobutanol, 2-ethyl-	100	C6H12O	035301-43-0	53



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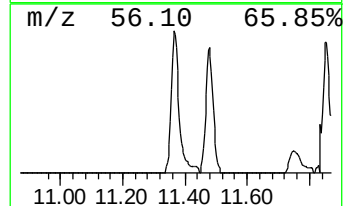
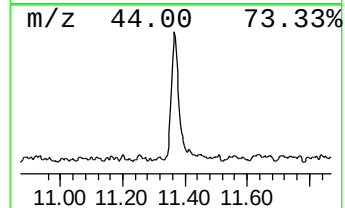
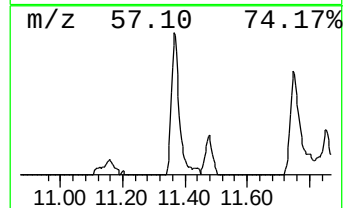
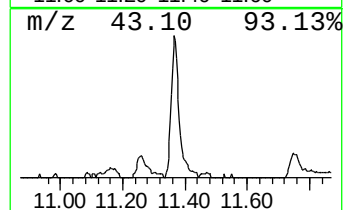
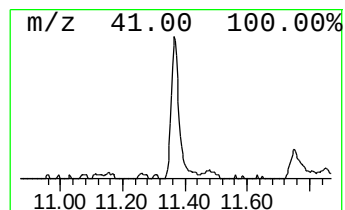
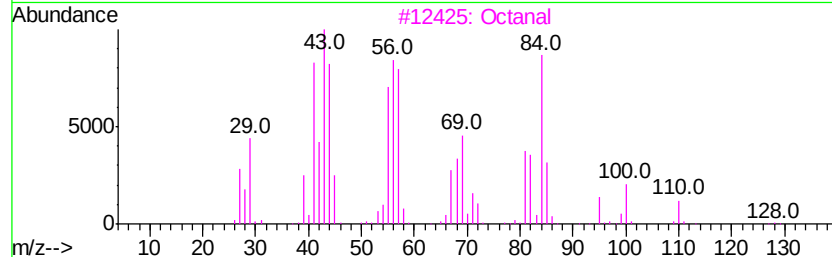
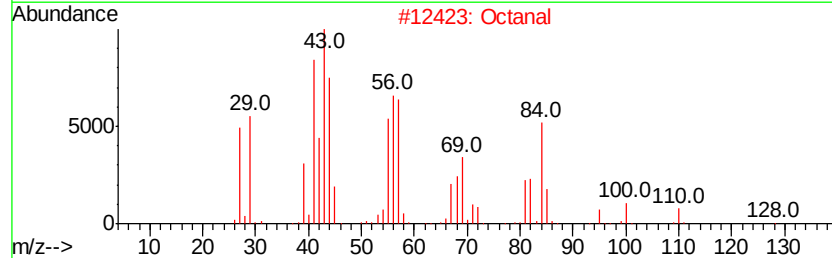
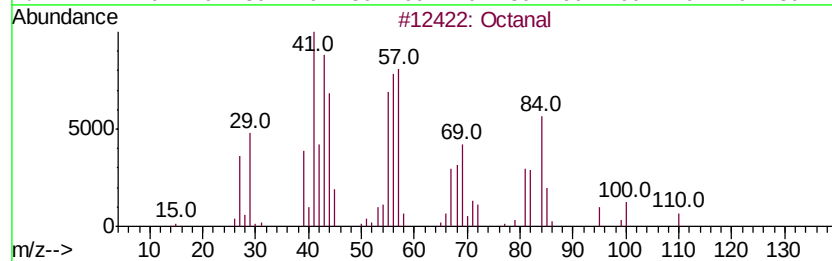
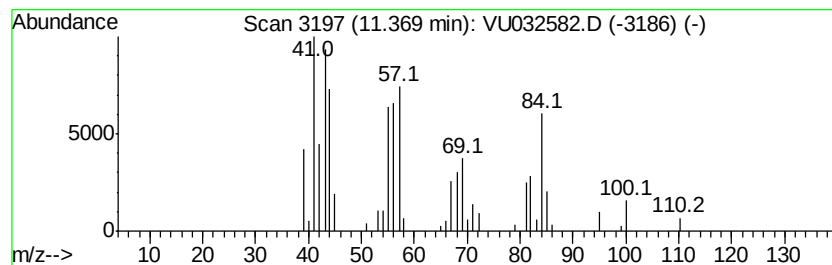
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	6.95 ug/L	71733	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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ALS Vial : 31 Sample Multiplier: 1

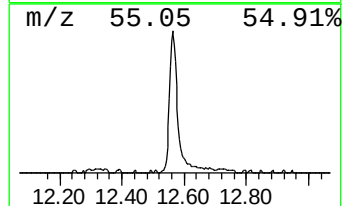
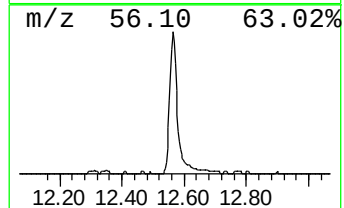
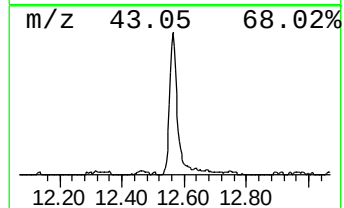
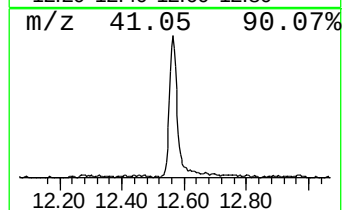
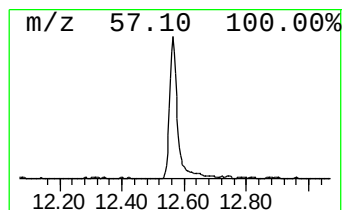
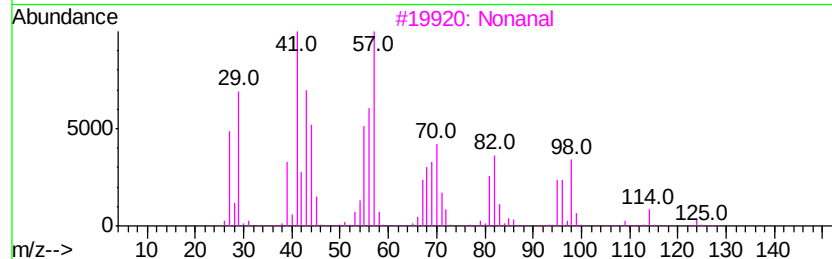
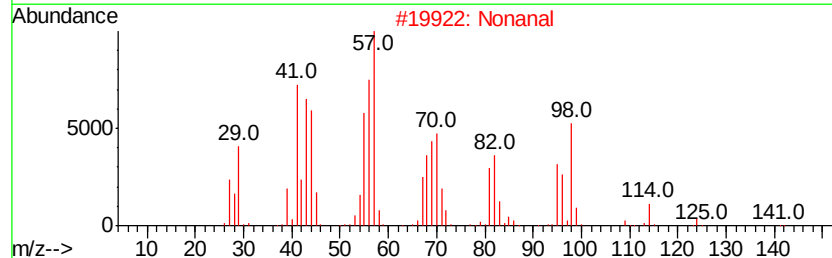
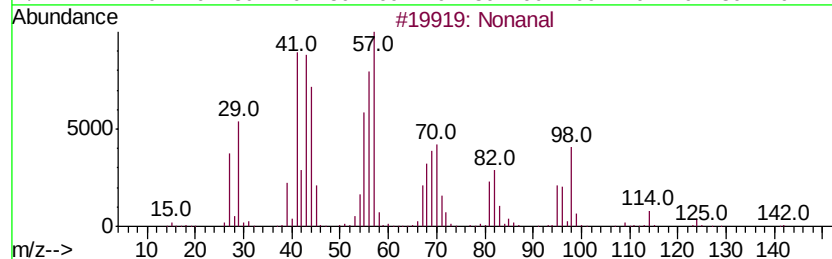
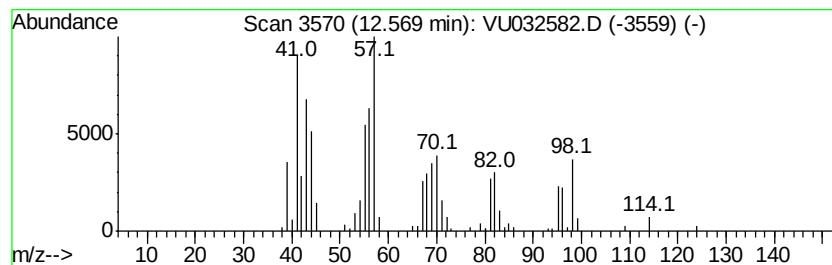
Instrument :
MSVOA_U
ClientSampleId :
DB8C3

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 5 Nonanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	16.62 ug/L	171555	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonanal		142 C9H18O	000124-19-6 90
2	Nonanal		142 C9H18O	000124-19-6 90
3	Nonanal		142 C9H18O	000124-19-6 90
4	Nonanal		142 C9H18O	000124-19-6 80
5	Cycloheptane		98 C7H14	000291-64-5 38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU061019\
Data File : VU032582.D
Acq On : 10 Jun 2019 21:56
Operator : JC/SP
Sample : K3277-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8C3

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
Isopropyl Alcohol	2.44	6.9	ug/L	60031	1	5.88	435201	50.0
Hexanal	8.46	6.1	ug/L	64948	2	9.08	530673	50.0
Octanal	11.37	7.0	ug/L	71733	3	11.48	516255	50.0
Nonanal	12.57	16.6	ug/L	171555	3	11.48	516255	50.0