

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061119\
 Data File : VU032605.D
 Acq On : 11 Jun 2019 13:22
 Operator : JC/SP
 Sample : K3277-14
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8B9

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	1.180	24	28	35	rVB2	5956	5171	0.42%	0.075%
2	1.395	88	95	108	rBV	86077	85568	6.90%	1.245%
3	1.469	111	118	130	rVV	50466	54957	4.43%	0.800%
4	1.675	175	182	194	rVB	65848	79293	6.39%	1.154%
5	2.267	351	366	376	rBV	140828	226366	18.25%	3.294%
6	2.318	376	382	394	rVB	17275	27328	2.20%	0.398%
7	2.440	409	420	438	rBV	45451	78902	6.36%	1.148%
8	2.730	507	510	517	rBV2	419	384	0.03%	0.006%
9	2.836	533	543	551	rBV3	1050	2245	0.18%	0.033%
10	3.186	646	652	655	rBV3	626	804	0.06%	0.012%
11	3.820	844	849	854	rBV2	161	222	0.02%	0.003%
12	3.993	894	903	921	rBV3	3289	8801	0.71%	0.128%
13	4.170	942	958	994	rBV	63821	175691	14.16%	2.557%
14	4.431	1035	1039	1043	rBV	212	212	0.02%	0.003%
15	4.640	1089	1104	1130	rBV	104369	246347	19.86%	3.585%
16	4.765	1139	1143	1147	rBV2	316	271	0.02%	0.004%
17	4.836	1162	1165	1168	rBV2	254	224	0.02%	0.003%
18	4.887	1175	1181	1188	rVB3	453	638	0.05%	0.009%
19	5.032	1221	1226	1231	rVV2	249	299	0.02%	0.004%
20	5.061	1231	1235	1238	rVV2	225	201	0.02%	0.003%
21	5.119	1248	1253	1258	rVB2	188	219	0.02%	0.003%
22	5.334	1298	1320	1348	rBV2	209529	615992	49.65%	8.964%
23	5.527	1377	1380	1383	rVB3	317	189	0.02%	0.003%
24	5.807	1463	1467	1472	rVB2	572	563	0.05%	0.008%
25	5.833	1472	1475	1477	rBV3	339	216	0.02%	0.003%
26	5.881	1477	1490	1525	rBV	200457	397790	32.07%	5.789%
27	6.003	1526	1528	1532	rVB2	521	327	0.03%	0.005%
28	6.128	1564	1567	1569	rVB	300	189	0.02%	0.003%
29	6.180	1569	1583	1611	rBV	651969	1240563	100.00%	18.052%
30	6.324	1615	1628	1656	rVB	140345	283285	22.84%	4.122%
31	6.537	1685	1694	1711	rVV4	4064	9151	0.74%	0.133%
32	6.820	1780	1782	1788	rVB2	273	228	0.02%	0.003%
33	6.887	1799	1803	1806	rBV2	279	239	0.02%	0.003%
34	7.054	1852	1855	1861	rVB	242	213	0.02%	0.003%

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

35	7.109	1869	1872	1876	rBV	217	225	0.02%	0.003%
36	7.167	1886	1890	1895	rVB2	269	285	0.02%	0.004%
37	7.222	1895	1907	1931	rBV	77666	144142	11.62%	2.098%
38	7.460	1975	1981	1984	rBV2	277	315	0.03%	0.005%
39	7.559	1999	2012	2053	rBV	282556	499546	40.27%	7.269%
40	7.775	2077	2079	2087	rVB4	304	256	0.02%	0.004%
41	7.845	2090	2101	2120	rBV	53360	93091	7.50%	1.355%
42	8.154	2194	2197	2200	rBV	264	206	0.02%	0.003%
43	8.173	2200	2203	2209	rVB3	408	405	0.03%	0.006%
44	8.225	2213	2219	2227	rVB4	2204	3175	0.26%	0.046%
45	8.308	2234	2245	2281	rBV2	180119	374106	30.16%	5.444%
46	8.463	2285	2293	2313	rVB2	26501	46561	3.75%	0.678%
47	9.083	2475	2486	2511	rBV	290336	487123	39.27%	7.089%
48	9.231	2530	2532	2539	rBV3	331	318	0.03%	0.005%
49	9.360	2569	2572	2575	rVB	296	189	0.02%	0.003%
50	9.402	2582	2585	2589	rBV2	248	182	0.01%	0.003%
51	9.553	2629	2632	2637	rVB2	216	191	0.02%	0.003%
52	9.578	2637	2640	2646	rBV2	265	225	0.02%	0.003%
53	9.717	2678	2683	2684	rBV2	276	211	0.02%	0.003%
54	9.726	2684	2686	2688	rVV	404	234	0.02%	0.003%
55	9.794	2704	2707	2710	rVB	347	211	0.02%	0.003%
56	9.829	2716	2718	2722	rVB2	275	200	0.02%	0.003%
57	9.932	2742	2750	2759	rBV5	1429	2855	0.23%	0.042%
58	10.029	2771	2780	2795	rBV4	13596	24950	2.01%	0.363%
59	10.189	2827	2830	2833	rBV3	320	255	0.02%	0.004%
60	10.292	2859	2862	2869	rVB2	250	295	0.02%	0.004%
61	10.427	2892	2904	2925	rBV	209696	341421	27.52%	4.968%
62	10.607	2952	2960	2968	rVB3	686	1089	0.09%	0.016%
63	10.646	2968	2972	2975	rBV2	234	195	0.02%	0.003%
64	10.733	2994	2999	3000	rBV2	547	405	0.03%	0.006%
65	10.810	3018	3023	3026	rBV3	606	584	0.05%	0.008%
66	10.948	3062	3066	3071	rBV3	456	486	0.04%	0.007%
67	10.980	3071	3076	3078	rBV3	728	667	0.05%	0.010%
68	11.038	3090	3094	3097	rBV3	559	362	0.03%	0.005%
69	11.070	3102	3104	3106	rBV2	488	273	0.02%	0.004%
70	11.157	3126	3131	3139	rVB6	1511	2119	0.17%	0.031%
71	11.257	3151	3162	3174	rBV2	5631	10298	0.83%	0.150%

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72	11.366	3185	3196	3218	rBV2	56185	93378	7.53%	1.359%
73	11.479	3219	3231	3256	rVV	316847	514734	41.49%	7.490%
74	11.565	3256	3258	3261	rVV4	699	567	0.05%	0.008%
75	11.585	3261	3264	3270	rVB3	1084	834	0.07%	0.012%
76	11.749	3307	3315	3331	rBV4	5084	11988	0.97%	0.174%
77	11.855	3336	3348	3375	rVB	310791	506699	40.84%	7.373%
78	12.064	3408	3413	3421	rVB6	1020	1579	0.13%	0.023%
79	12.122	3424	3431	3440	rBV4	3644	5251	0.42%	0.076%
80	12.173	3441	3447	3462	rVB6	3025	4876	0.39%	0.071%
81	12.250	3462	3471	3473	rBV4	2257	3019	0.24%	0.044%
82	12.405	3516	3519	3523	rVB3	603	399	0.03%	0.006%
83	12.459	3527	3536	3555	rBV7	2544	5495	0.44%	0.080%
84	12.565	3556	3569	3591	rBV	38828	70322	5.67%	1.023%
85	12.681	3599	3605	3614	rVB3	5031	7476	0.60%	0.109%
86	12.864	3658	3662	3664	rBV3	444	318	0.03%	0.005%
87	12.958	3682	3691	3703	rVB9	4928	9068	0.73%	0.132%
88	13.035	3711	3715	3721	rVB6	993	1015	0.08%	0.015%
89	13.276	3786	3790	3791	rBV2	273	190	0.02%	0.003%
90	13.292	3792	3795	3803	rVB3	974	1060	0.09%	0.015%
91	13.324	3803	3805	3810	rVB2	429	262	0.02%	0.004%
92	13.356	3810	3815	3816	rBV3	448	359	0.03%	0.005%
93	13.392	3820	3826	3837	rVB6	2851	4065	0.33%	0.059%
94	13.498	3849	3859	3870	rBV2	12907	22630	1.82%	0.329%
95	13.668	3903	3912	3922	rBV9	10305	18797	1.52%	0.274%
96	13.848	3965	3968	3972	rBV2	278	254	0.02%	0.004%
97	13.909	3979	3987	3988	rBV2	727	655	0.05%	0.010%
98	13.932	3988	3994	4003	rVB8	3312	5209	0.42%	0.076%
99	14.163	4061	4066	4069	rBV3	411	485	0.04%	0.007%
100	16.215	4702	4704	4708	rBV2	459	291	0.02%	0.004%

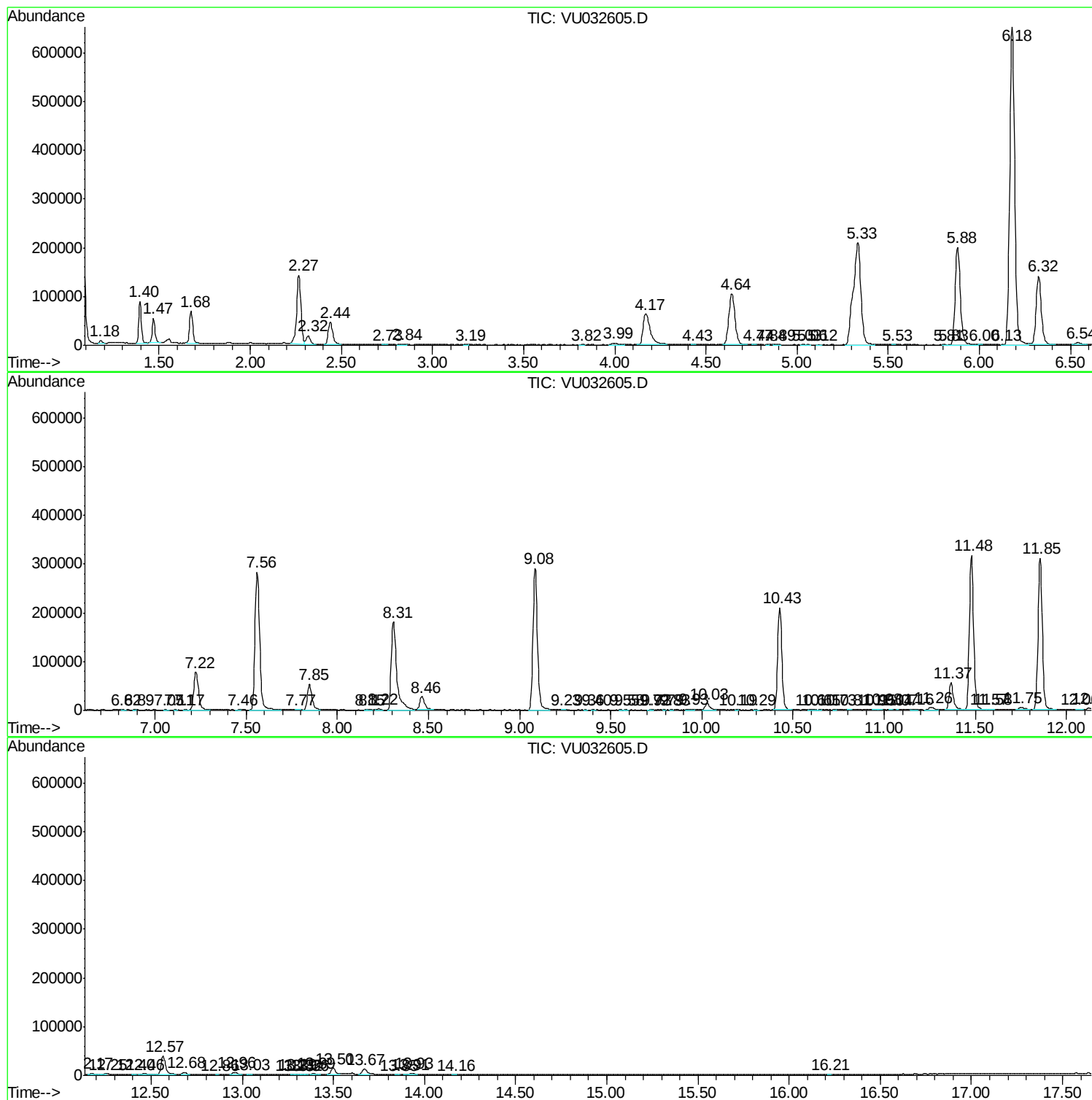
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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



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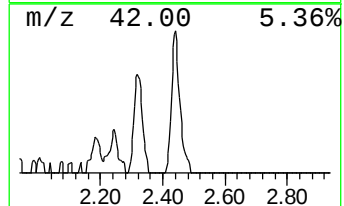
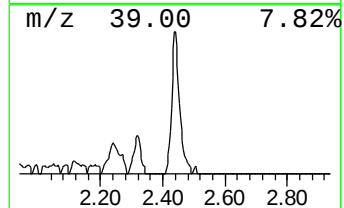
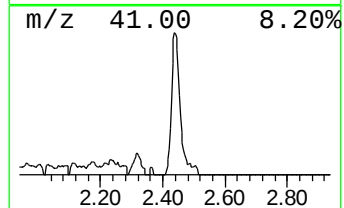
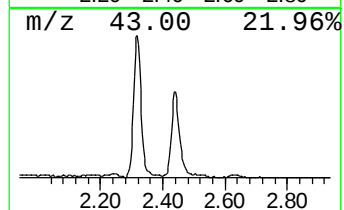
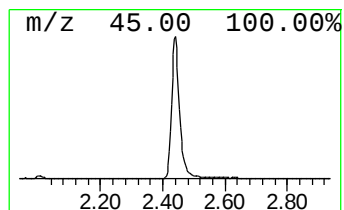
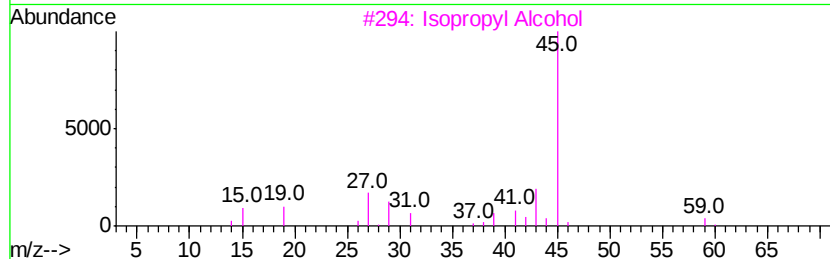
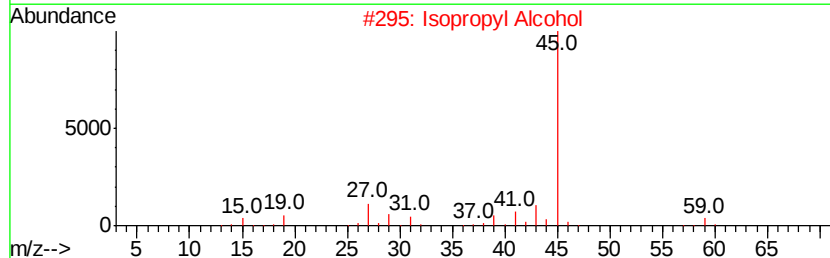
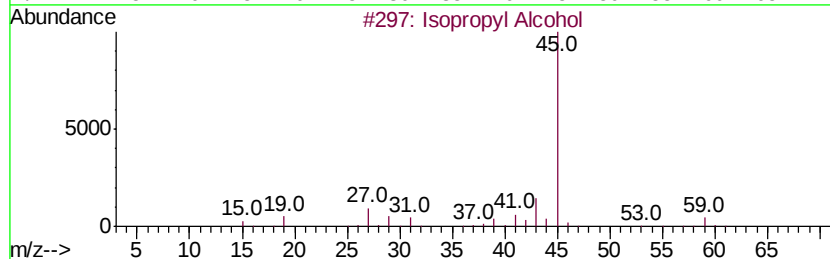
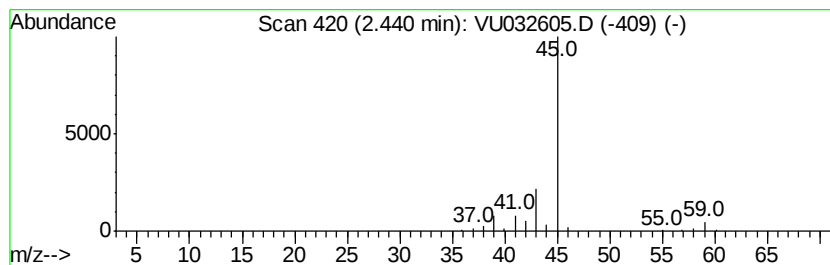
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	9.92 ug/L	78902	1,4-Difluorobenzene	5.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
5			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



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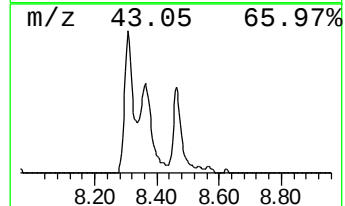
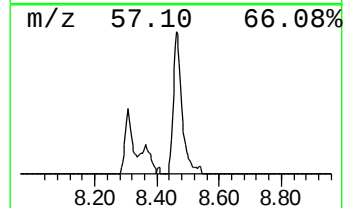
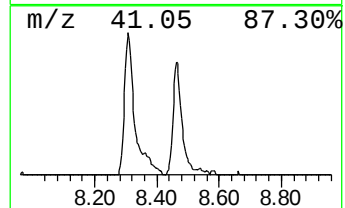
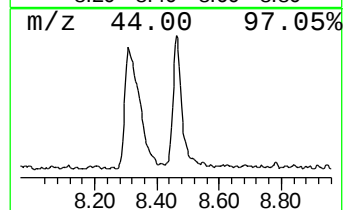
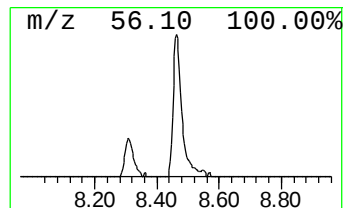
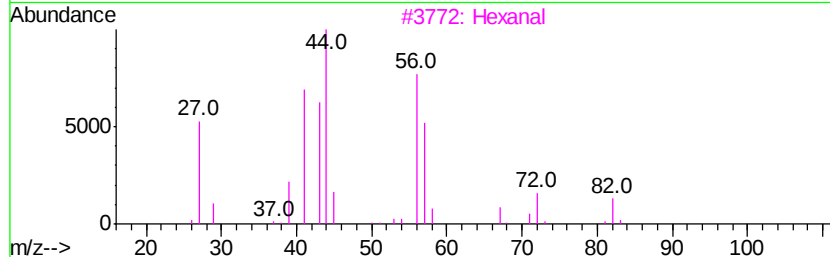
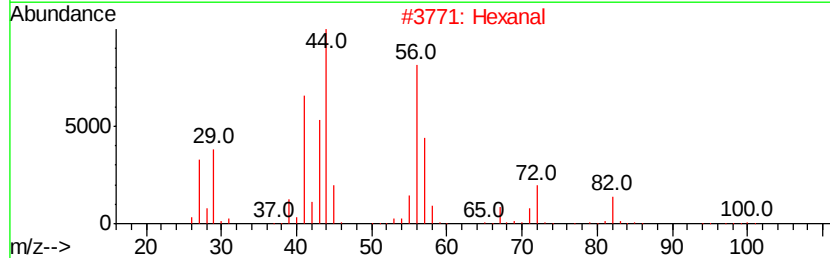
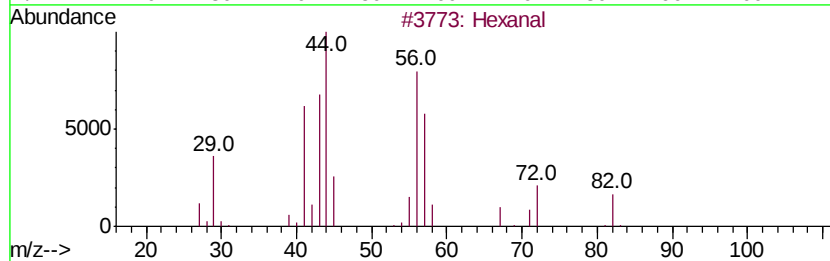
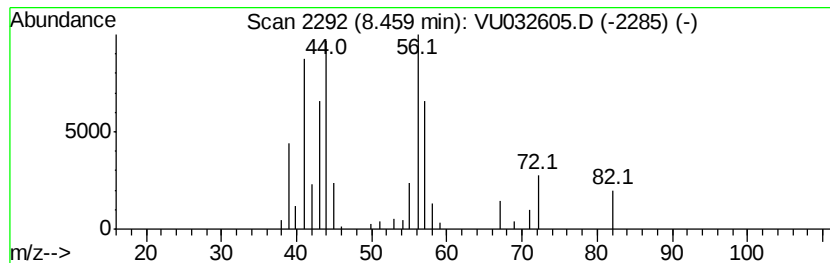
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Quant Title : VOC Analysis

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

Peak Number 4 Hexanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.46	4.78 ug/L	46561	Chlorobenzene-d5	9.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanal	100	C6H12O	000066-25-1	64
2		Hexanal	100	C6H12O	000066-25-1	64
3		Hexanal	100	C6H12O	000066-25-1	64
4		Hexanal	100	C6H12O	000066-25-1	64
5		2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	37



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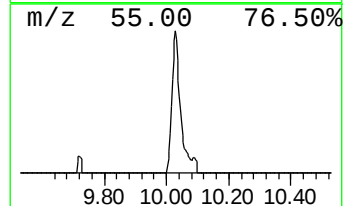
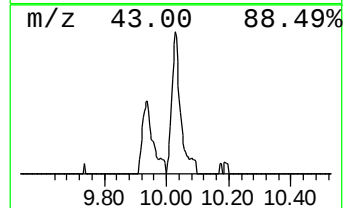
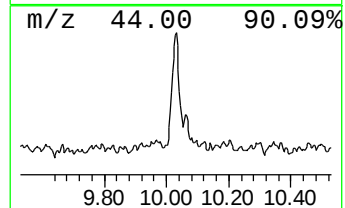
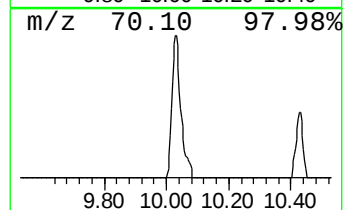
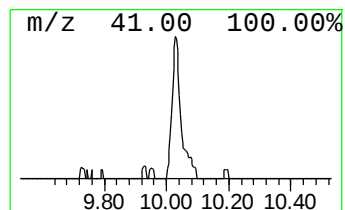
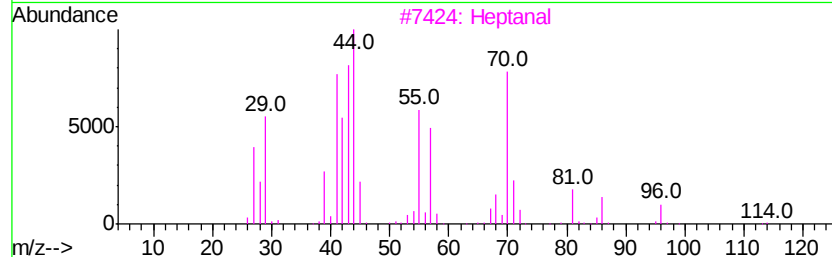
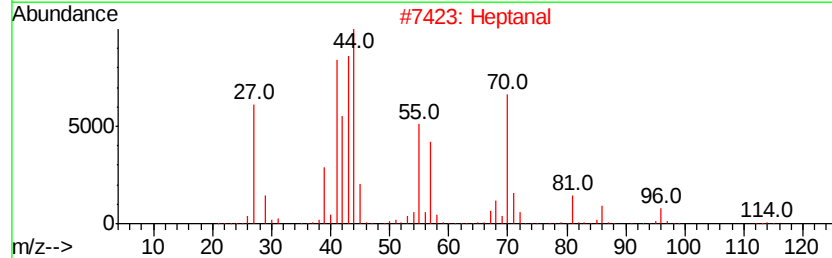
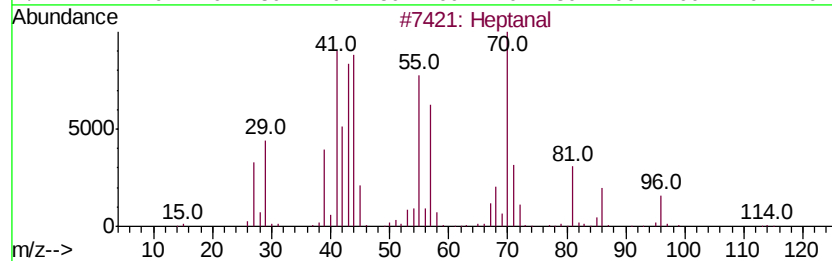
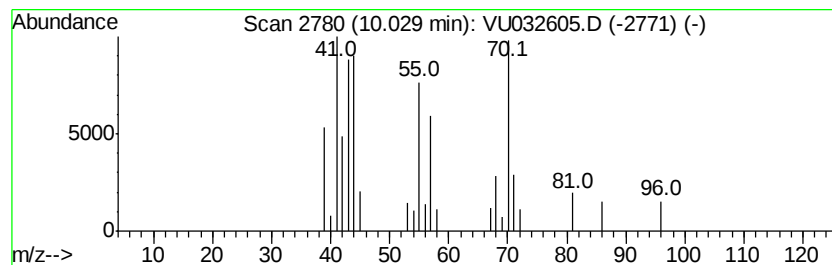
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Quant Title : VOC Analysis

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Peak Number 5 Heptanal Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	2.56 ug/L	24950	Chlorobenzene-d5	9.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptanal	114	C7H14O	000111-71-7	90
2		Heptanal	114	C7H14O	000111-71-7	90
3		Heptanal	114	C7H14O	000111-71-7	90
4		Heptanal	114	C7H14O	000111-71-7	90
5		Heptanal	114	C7H14O	000111-71-7	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061119\
Data File : VU032605.D
Acq On : 11 Jun 2019 13:22
Operator : JC/SP
Sample : K3277-14
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
DB8B9

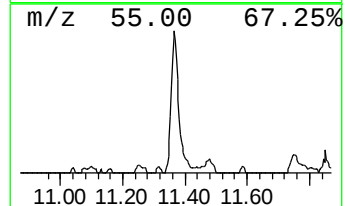
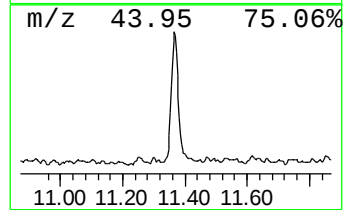
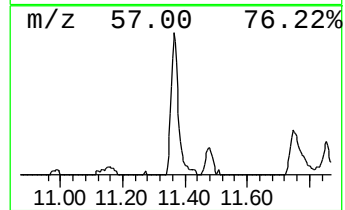
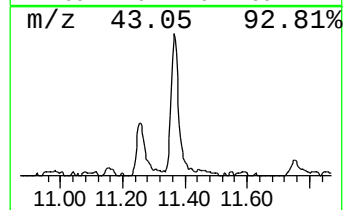
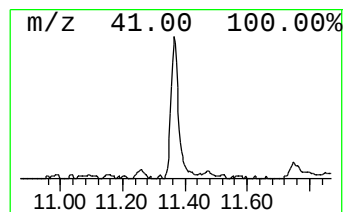
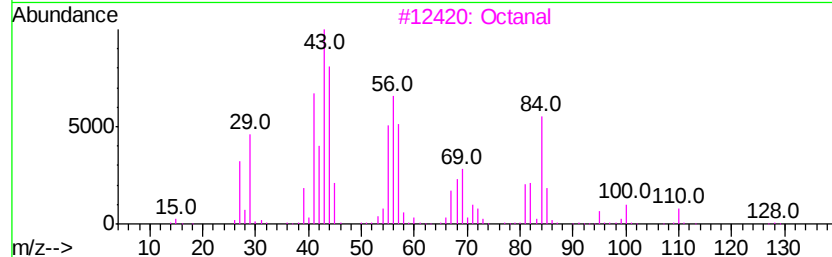
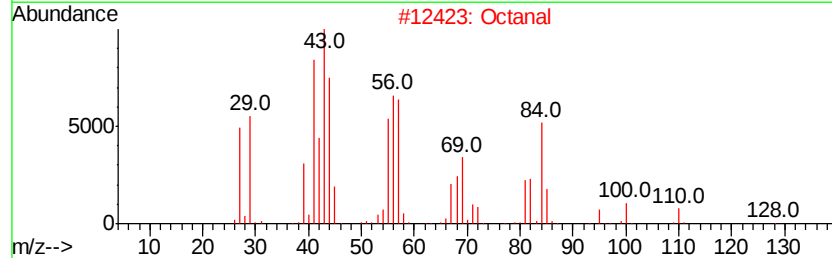
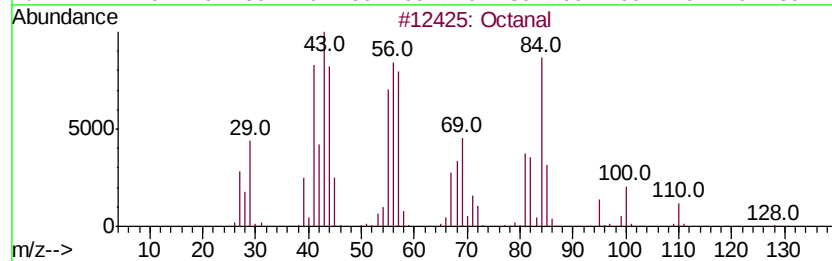
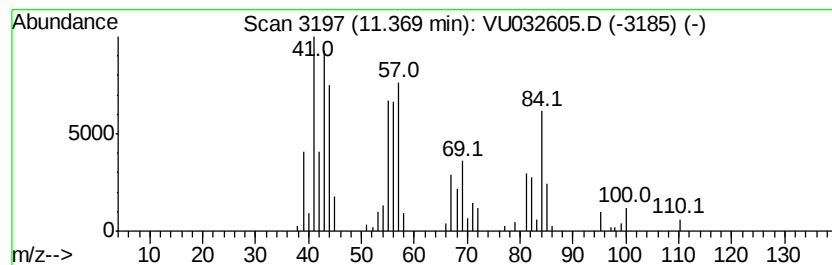
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Quant Title : VOC Analysis

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

Peak Number 6 Octanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	9.07 ug/L	93378	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	90
4		Octanal	128	C8H16O	000124-13-0	86
5		Octanal	128	C8H16O	000124-13-0	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061119\
Data File : VU032605.D
Acq On : 11 Jun 2019 13:22
Operator : JC/SP
Sample : K3277-14
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B9

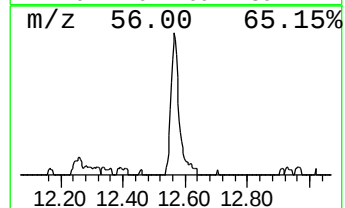
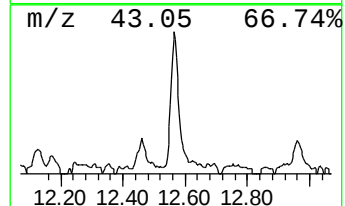
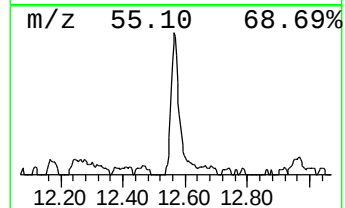
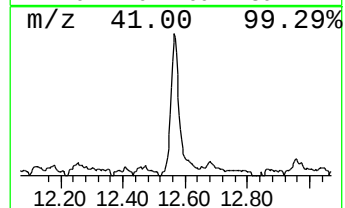
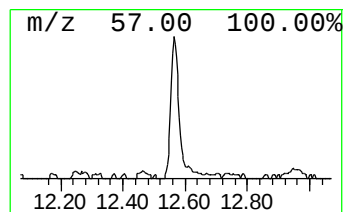
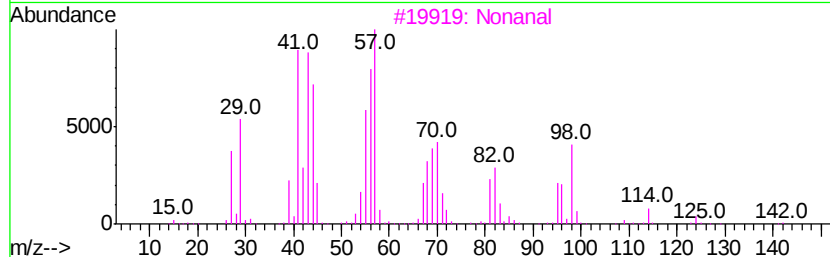
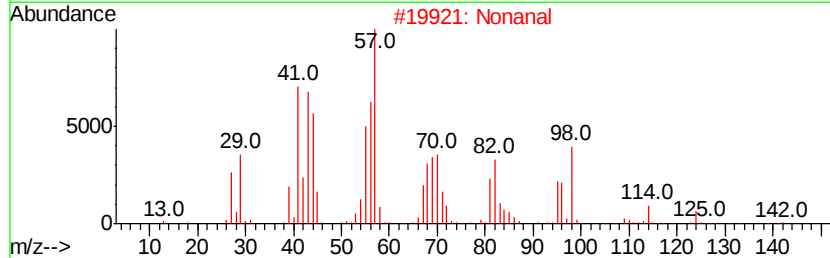
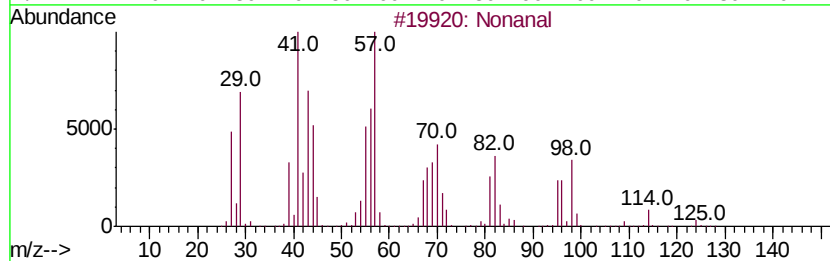
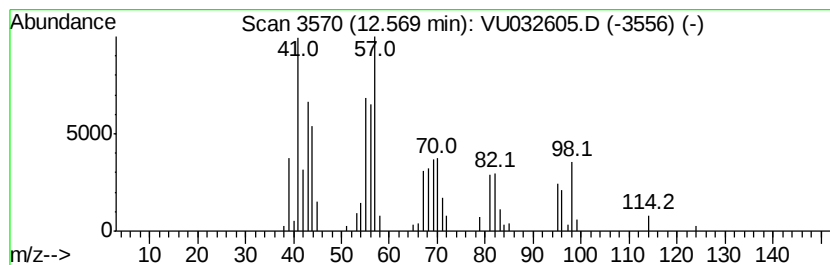
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Nonanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	6.83 ug/L	70322	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonanal	142	C9H18O	000124-19-6	91
2		Nonanal	142	C9H18O	000124-19-6	90
3		Nonanal	142	C9H18O	000124-19-6	80
4		Cyclohexanol, 2-methyl-, trans-	114	C7H14O	007443-52-9	30
5		Cycloheptane	98	C7H14	000291-64-5	27



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061119\
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Acq On : 11 Jun 2019 13:22
Operator : JC/SP
Sample : K3277-14
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8B9

Quant Method : Z:\VOASRV\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	9.9	ug/L	78902	1	5.88	397790	50.0
Hexanal	8.46	4.8	ug/L	46561	2	9.09	487123	50.0
Heptanal	10.03	2.6	ug/L	24950	2	9.09	487123	50.0
Octanal	11.37	9.1	ug/L	93378	3	11.48	514734	50.0
Nonanal	12.57	6.8	ug/L	70322	3	11.48	514734	50.0