

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052718\
 Data File : VU024198.D
 Acq On : 27 May 2018 19:14
 Operator : MD/SY
 Sample : J3092-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

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 : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.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	0.674	23	26	30	rVB2	179	160	0.01%	0.001%
2	0.793	57	63	69	rBV2	257	322	0.02%	0.003%
3	1.088	136	155	175	rBV	335391	410908	20.07%	3.557%
4	1.182	178	184	196	rVB	35004	35859	1.75%	0.310%
5	1.294	215	219	226	rVB	8542	8734	0.43%	0.076%
6	1.400	245	252	263	rBV	168082	175123	8.55%	1.516%
7	1.677	330	338	354	rVB	125576	166115	8.11%	1.438%
8	1.886	394	403	424	rVB	216607	303024	14.80%	2.623%
9	2.275	512	524	533	rBV	262577	403990	19.73%	3.497%
10	2.323	534	539	557	rVB	28292	45218	2.21%	0.391%
11	2.442	565	576	594	rBV	54553	99203	4.85%	0.859%
12	2.702	654	657	663	rVB4	443	422	0.02%	0.004%
13	2.834	687	698	712	rVB3	4015	9474	0.46%	0.082%
14	2.889	712	715	723	rBV2	138	178	0.01%	0.002%
15	2.956	731	736	741	rBV2	232	371	0.02%	0.003%
16	3.130	787	790	792	rBV	198	152	0.01%	0.001%
17	3.185	797	807	809	rBV3	904	1144	0.06%	0.010%
18	3.310	844	846	850	rVB	174	138	0.01%	0.001%
19	3.333	850	853	856	rBV2	202	188	0.01%	0.002%
20	3.387	867	870	876	rVB2	299	285	0.01%	0.002%
21	3.426	879	882	886	rVB	193	154	0.01%	0.001%
22	3.674	956	959	966	rVB2	164	229	0.01%	0.002%
23	3.802	997	999	1003	rVB2	268	172	0.01%	0.001%
24	3.837	1007	1010	1013	rVB2	243	151	0.01%	0.001%
25	3.860	1014	1017	1021	rBV2	205	184	0.01%	0.002%
26	3.882	1021	1024	1026	rBV	174	136	0.01%	0.001%
27	4.018	1061	1066	1068	rBV2	213	203	0.01%	0.002%
28	4.178	1098	1116	1144	rBV	98415	264373	12.91%	2.288%
29	4.384	1170	1180	1202	rVB2	11183	26389	1.29%	0.228%
30	4.522	1220	1223	1226	rBV3	235	148	0.01%	0.001%
31	4.555	1231	1233	1240	rVB3	435	394	0.02%	0.003%
32	4.651	1240	1263	1291	rBV	190632	453191	22.13%	3.923%
33	4.760	1295	1297	1302	rVB3	229	135	0.01%	0.001%
34	4.899	1332	1340	1346	rVB3	611	917	0.04%	0.008%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

35	4.960	1356	1359	1362	rBV2	178	135	0.01%	0.001%
36	4.992	1367	1369	1373	rVB2	354	213	0.01%	0.002%
37	5.140	1403	1415	1428	rVB	3797	8532	0.42%	0.074%
38	5.345	1453	1479	1509	rBV2	381353	1159798	56.65%	10.039%
39	5.628	1562	1567	1572	rVB3	435	598	0.03%	0.005%
40	5.757	1602	1607	1610	rVV2	213	172	0.01%	0.001%
41	5.792	1615	1618	1623	rBV	214	269	0.01%	0.002%
42	5.892	1632	1649	1684	rBV	346483	713994	34.87%	6.180%
43	6.191	1729	1742	1767	rVB3	24117	50700	2.48%	0.439%
44	6.336	1771	1787	1816	rBV	259661	530859	25.93%	4.595%
45	6.567	1855	1859	1865	rBV2	194	183	0.01%	0.002%
46	6.638	1876	1881	1886	rVB2	188	197	0.01%	0.002%
47	6.763	1917	1920	1925	rVB	156	160	0.01%	0.001%
48	6.828	1925	1940	1948	rBV4	2624	5030	0.25%	0.044%
49	6.966	1978	1983	1986	rBV2	170	149	0.01%	0.001%
50	7.230	2054	2065	2087	rBV	122825	222580	10.87%	1.927%
51	7.339	2097	2099	2110	rVB4	651	665	0.03%	0.006%
52	7.390	2110	2115	2127	rVB6	2017	3148	0.15%	0.027%
53	7.471	2138	2140	2145	rVV2	476	310	0.02%	0.003%
54	7.570	2157	2171	2210	rBV	489942	880195	42.99%	7.619%
55	7.792	2237	2240	2244	rVB2	354	279	0.01%	0.002%
56	7.853	2247	2259	2278	rBV	83746	144774	7.07%	1.253%
57	7.953	2287	2290	2292	rBV	211	155	0.01%	0.001%
58	7.982	2296	2299	2303	rVB2	379	233	0.01%	0.002%
59	8.072	2322	2327	2328	rBV2	780	521	0.03%	0.005%
60	8.181	2350	2361	2363	rBV2	3498	4602	0.22%	0.040%
61	8.230	2363	2376	2392	rVV	1171142	2047474	100.00%	17.723%
62	8.313	2393	2402	2445	rVB	329819	600084	29.31%	5.194%
63	8.532	2467	2470	2472	rBV2	284	206	0.01%	0.002%
64	8.590	2485	2488	2492	rVV3	441	299	0.01%	0.003%
65	8.619	2493	2497	2502	rBV2	399	455	0.02%	0.004%
66	8.689	2516	2519	2521	rBV	223	145	0.01%	0.001%
67	8.705	2521	2524	2527	rVV2	238	195	0.01%	0.002%
68	8.841	2561	2566	2572	rBV2	243	249	0.01%	0.002%
69	9.095	2631	2645	2667	rBV	498189	843461	41.20%	7.301%
70	9.342	2716	2722	2726	rVB	258	338	0.02%	0.003%
71	9.365	2726	2729	2731	rBV3	546	370	0.02%	0.003%

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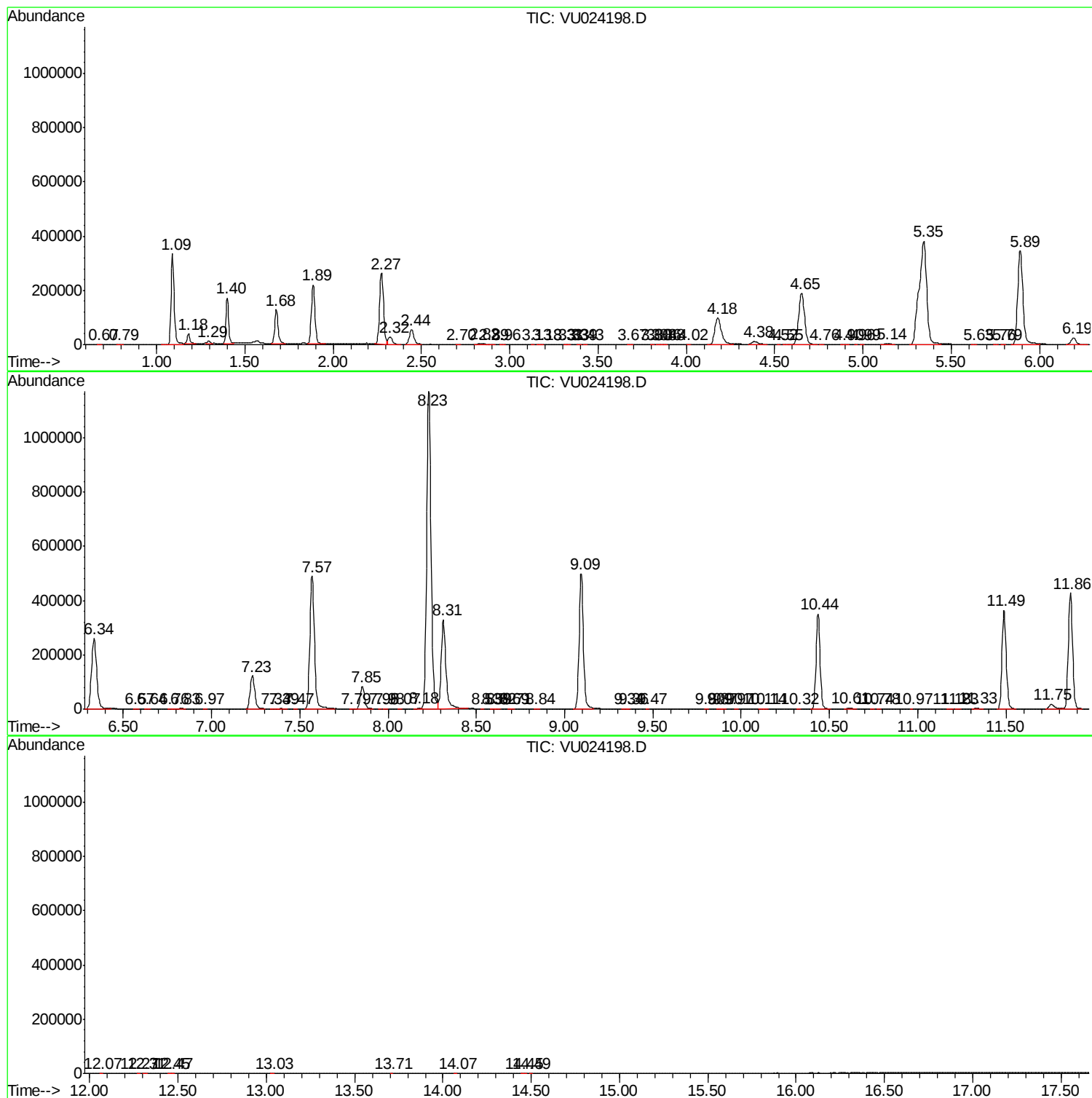
72	9.471	2759	2762	2764	rVV2	229	158	0.01%	0.001%
73	9.802	2861	2865	2868	rBV2	213	194	0.01%	0.002%
74	9.869	2883	2886	2892	rVB	275	300	0.01%	0.003%
75	9.902	2892	2896	2899	rBV2	274	229	0.01%	0.002%
76	9.966	2914	2916	2921	rVB2	228	214	0.01%	0.002%
77	10.107	2957	2960	2965	rBV2	196	219	0.01%	0.002%
78	10.136	2965	2969	2973	rBV2	179	191	0.01%	0.002%
79	10.323	3025	3027	3031	rBV2	316	263	0.01%	0.002%
80	10.435	3049	3062	3084	rVV	350345	560859	27.39%	4.855%
81	10.609	3108	3116	3129	rVB	4100	6593	0.32%	0.057%
82	10.744	3154	3158	3161	rBV	158	142	0.01%	0.001%
83	10.779	3165	3169	3172	rBV2	226	222	0.01%	0.002%
84	10.966	3224	3227	3228	rBV2	213	150	0.01%	0.001%
85	11.184	3289	3295	3300	rBV2	328	476	0.02%	0.004%
86	11.226	3304	3308	3313	rVV2	460	508	0.02%	0.004%
87	11.332	3333	3341	3352	rBV2	4185	5995	0.29%	0.052%
88	11.487	3377	3389	3410	rBV	363707	600255	29.32%	5.196%
89	11.754	3462	3472	3492	rBV2	17038	37131	1.81%	0.321%
90	11.863	3494	3506	3526	rVB	427507	706863	34.52%	6.119%
91	12.065	3566	3569	3571	rVB	317	151	0.01%	0.001%
92	12.268	3631	3632	3637	rBV	330	220	0.01%	0.002%
93	12.310	3642	3645	3649	rVV	261	185	0.01%	0.002%
94	12.448	3686	3688	3692	rBV	253	185	0.01%	0.002%
95	12.467	3692	3694	3697	rBV2	255	196	0.01%	0.002%
96	13.033	3867	3870	3873	rBV2	305	237	0.01%	0.002%
97	13.712	4078	4081	4082	rBV	296	145	0.01%	0.001%
98	14.072	4190	4193	4195	rBV	317	201	0.01%	0.002%
99	14.448	4307	4310	4317	rBV2	347	386	0.02%	0.003%
100	14.493	4322	4324	4328	rVB	411	260	0.01%	0.002%

Sum of corrected areas: 11552639

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ALS Vial : 18 Sample Multiplier: 1

Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis

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



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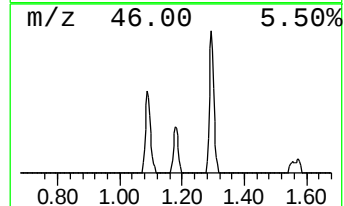
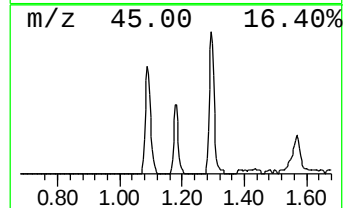
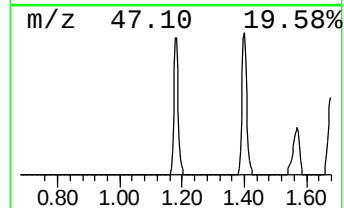
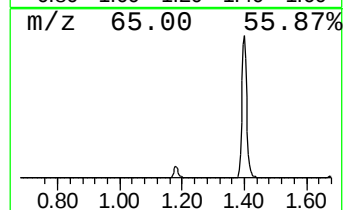
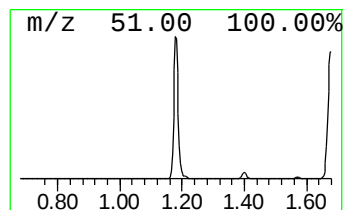
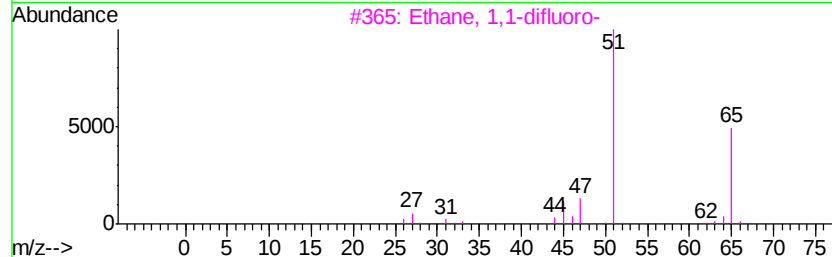
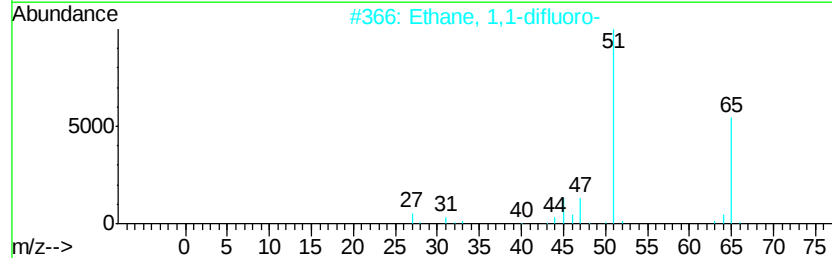
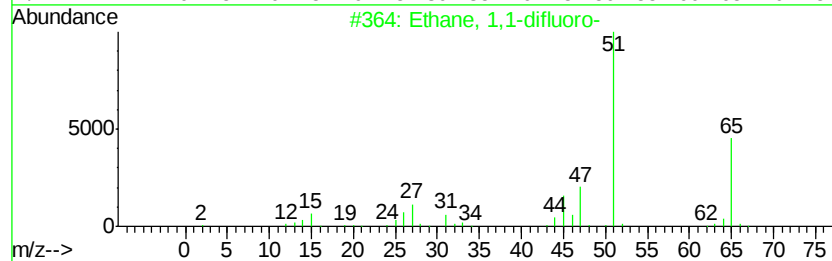
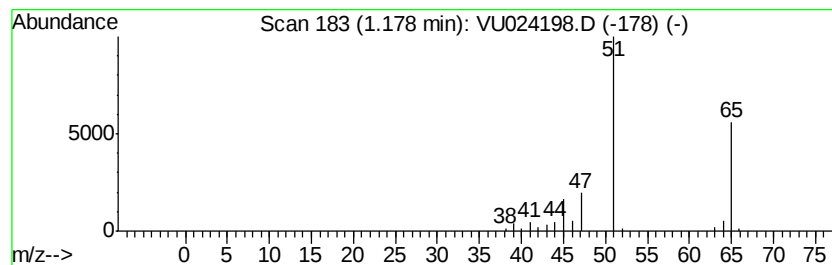
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Ethane, 1,1-difluoro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	2.51 ug/L	35859	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2		Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
3		Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	90
4		Propane, 2,2-difluoro-	80	C3H6F2	000420-45-1	4
5		Propiolonitrile	51	C3HN	001070-71-9	3



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ALS Vial : 18 Sample Multiplier: 1

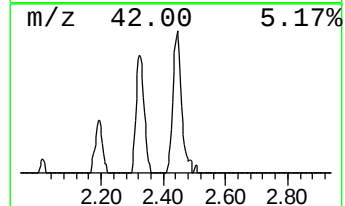
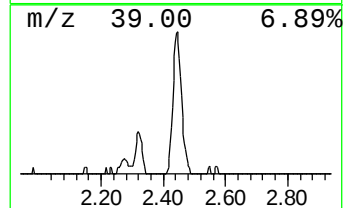
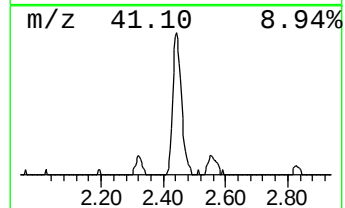
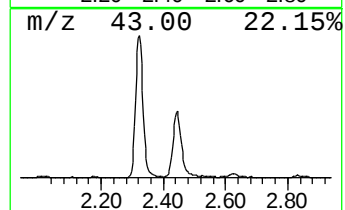
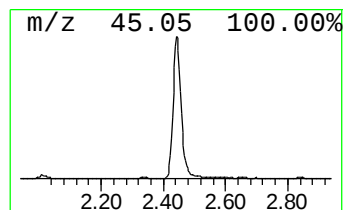
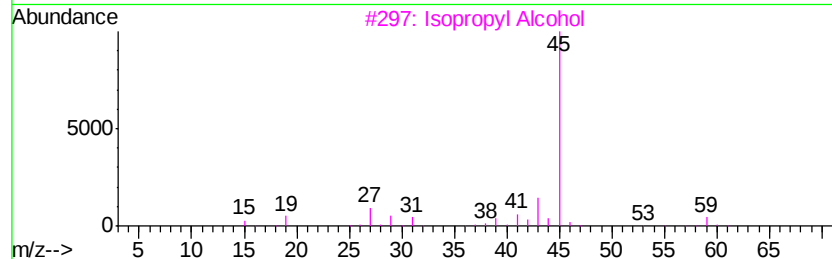
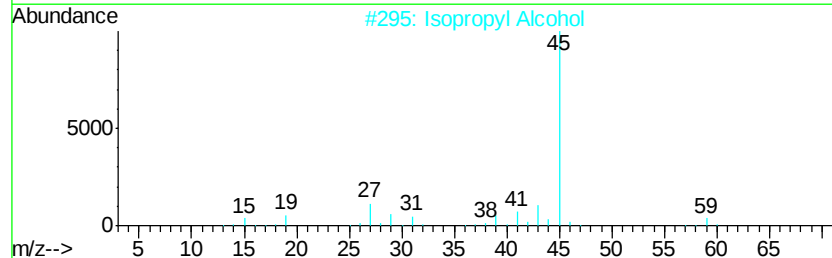
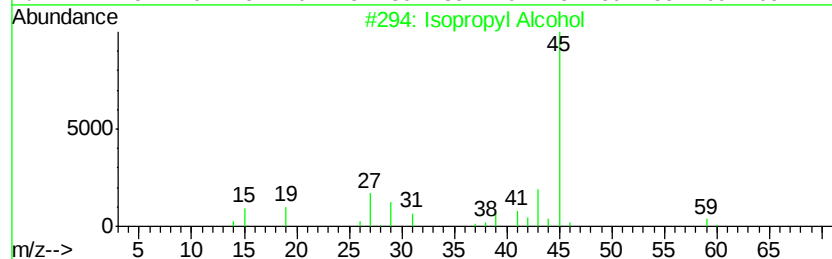
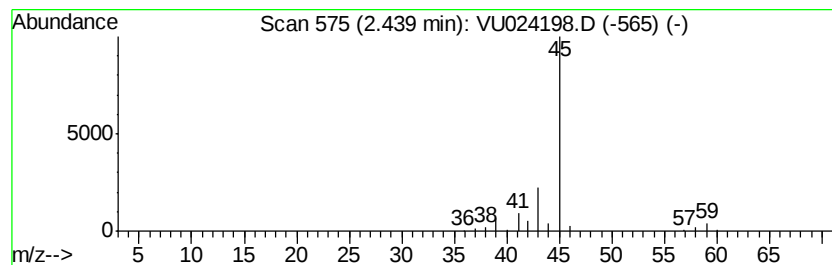
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	6.95 ug/L	99203	1,4-Difluorobenzene	5.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	83
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
5			Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



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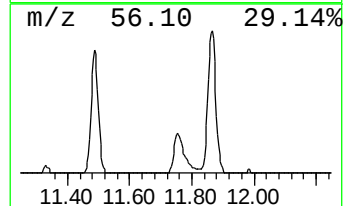
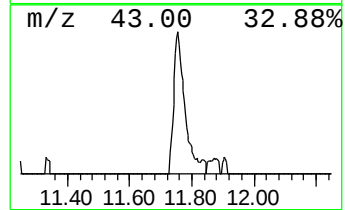
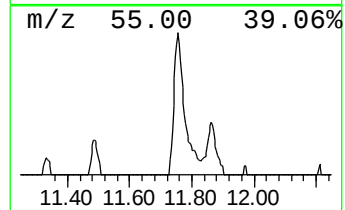
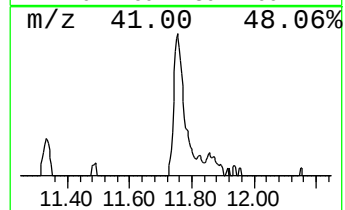
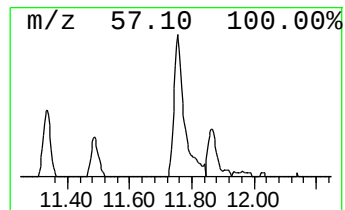
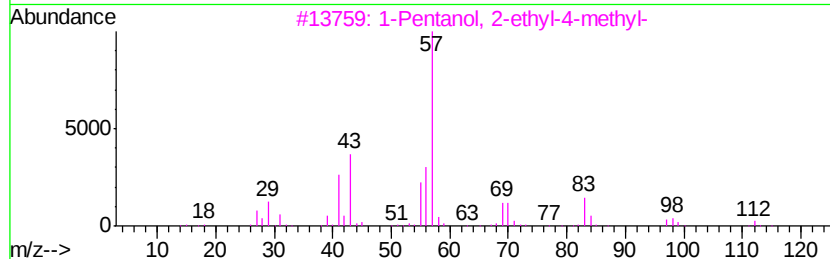
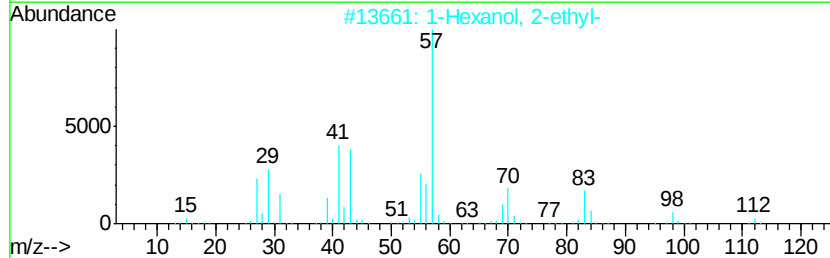
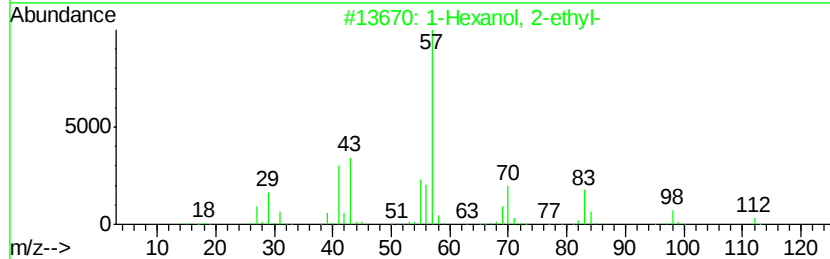
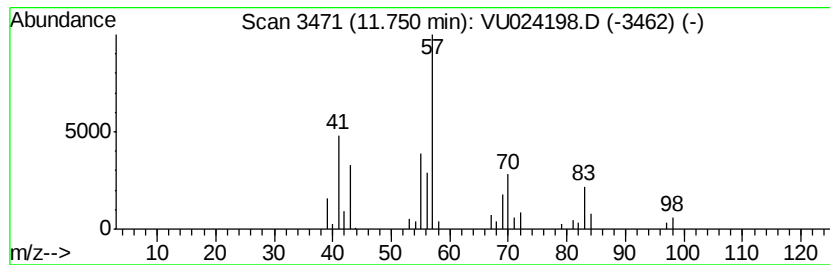
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Quant Title : VOC Analysis

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

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	3.09 ug/L	37131	1,4-Dichlorobenzene-d4	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
3			1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
4			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
5			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	42



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Ethane, 1,1-diflu...	1.18	2.5	ug/L	35859	1	5.89	713994	50.0
Isopropyl Alcohol	2.44	7.0	ug/L	99203	1	5.89	713994	50.0
1-Hexanol, 2-ethyl-	11.75	3.1	ug/L	37131	3	11.49	600255	50.0