

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052618\
 Data File : VU024177.D
 Acq On : 27 May 2018 09:00
 Operator : MD/SY
 Sample : J3091-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 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	0.613	5	7	10	rBV	217	171	0.01%	0.002%
2	0.709	35	37	44	rVB2	232	214	0.02%	0.002%
3	0.812	65	69	72	rBV	220	189	0.02%	0.002%
4	0.838	72	77	83	rVB2	191	214	0.02%	0.002%
5	1.085	137	154	176	rBV	238440	288219	23.57%	2.697%
6	1.179	177	183	199	rVV2	68478	70900	5.80%	0.663%
7	1.291	214	218	226	rVB2	10174	10446	0.85%	0.098%
8	1.394	241	250	263	rBV2	203632	281941	23.05%	2.638%
9	1.452	263	268	281	rVB	31843	38754	3.17%	0.363%
10	1.519	282	289	299	rVV	51670	56930	4.65%	0.533%
11	1.667	328	335	347	rBV	137378	175174	14.32%	1.639%
12	1.815	373	381	391	rBV	34242	49459	4.04%	0.463%
13	2.259	508	519	533	rBV	279169	424607	34.72%	3.973%
14	2.336	535	543	572	rVB2	15373	37457	3.06%	0.350%
15	2.497	577	593	595	rBV5	3864	7921	0.65%	0.074%
16	2.834	684	698	718	rBV	21828	49730	4.07%	0.465%
17	3.079	771	774	779	rBV2	184	198	0.02%	0.002%
18	3.188	803	808	816	rVB3	1176	1854	0.15%	0.017%
19	3.227	817	820	824	rVB	244	207	0.02%	0.002%
20	3.285	836	838	844	rBV2	221	205	0.02%	0.002%
21	3.342	850	856	859	rBV	189	257	0.02%	0.002%
22	3.413	875	878	882	rBV2	324	252	0.02%	0.002%
23	3.432	882	884	889	rVB	342	247	0.02%	0.002%
24	3.461	889	893	895	rBV	180	174	0.01%	0.002%
25	3.526	908	913	918	rBV2	181	204	0.02%	0.002%
26	3.658	951	954	960	rVB	256	248	0.02%	0.002%
27	3.741	974	980	982	rBV3	333	364	0.03%	0.003%
28	4.121	1094	1098	1102	rBV	217	166	0.01%	0.002%
29	4.214	1105	1127	1169	rBV2	68511	342633	28.01%	3.206%
30	4.391	1173	1182	1209	rVB2	16056	46186	3.78%	0.432%
31	4.648	1245	1262	1285	rBV	194637	469114	38.36%	4.389%
32	4.805	1308	1311	1322	rVB3	483	543	0.04%	0.005%
33	4.883	1326	1335	1339	rBV4	837	1333	0.11%	0.012%
34	5.339	1452	1477	1515	rBV2	412764	1223069	100.00%	11.443%

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 Title : VOC Analysis

35	5.609	1553	1561	1564	rBV4	1086	1439	0.12%	0.013%
36	5.809	1610	1623	1626	rBV2	334	532	0.04%	0.005%
37	5.889	1633	1648	1683	rBV	368347	772897	63.19%	7.231%
38	6.127	1720	1722	1726	rVB2	327	182	0.01%	0.002%
39	6.188	1726	1741	1772	rBV	414896	849391	69.45%	7.947%
40	6.333	1773	1786	1815	rVB	263563	549161	44.90%	5.138%
41	6.516	1838	1843	1845	rVB2	297	205	0.02%	0.002%
42	6.548	1849	1853	1855	rVB2	249	176	0.01%	0.002%
43	6.583	1862	1864	1869	rVB2	236	192	0.02%	0.002%
44	6.616	1870	1874	1878	rVB2	233	194	0.02%	0.002%
45	6.760	1914	1919	1924	rVB	174	170	0.01%	0.002%
46	6.834	1935	1942	1943	rBV3	758	818	0.07%	0.008%
47	6.886	1956	1958	1961	rVB2	386	183	0.01%	0.002%
48	6.905	1961	1964	1966	rVB2	379	197	0.02%	0.002%
49	7.008	1992	1996	2001	rBV2	550	683	0.06%	0.006%
50	7.175	2045	2048	2050	rBV	249	197	0.02%	0.002%
51	7.233	2053	2066	2094	rVV2	122558	242781	19.85%	2.271%
52	7.403	2108	2119	2130	rVB8	1704	3801	0.31%	0.036%
53	7.477	2138	2142	2143	rBV	326	190	0.02%	0.002%
54	7.509	2149	2152	2156	rBV3	258	196	0.02%	0.002%
55	7.567	2156	2170	2192	rBV	504936	919284	75.16%	8.601%
56	7.812	2243	2246	2248	rBV3	330	271	0.02%	0.003%
57	7.857	2249	2260	2284	rVB2	81380	157068	12.84%	1.470%
58	8.030	2313	2314	2322	rVV2	244	263	0.02%	0.002%
59	8.185	2347	2362	2367	rBV3	4671	8285	0.68%	0.078%
60	8.230	2368	2376	2390	rVB2	22596	39076	3.19%	0.366%
61	8.329	2390	2407	2445	rBV	280067	553612	45.26%	5.180%
62	8.554	2474	2477	2482	rVB3	493	397	0.03%	0.004%
63	8.580	2482	2485	2488	rVB3	311	194	0.02%	0.002%
64	8.789	2547	2550	2555	rVB	223	164	0.01%	0.002%
65	8.963	2599	2604	2606	rBV	319	230	0.02%	0.002%
66	9.095	2631	2645	2685	rBV	529558	916103	74.90%	8.571%
67	9.259	2689	2696	2705	rBV3	1146	1682	0.14%	0.016%
68	9.300	2705	2709	2710	rBV2	333	228	0.02%	0.002%
69	9.384	2729	2735	2745	rVB5	1587	2552	0.21%	0.024%
70	9.596	2798	2801	2806	rBV2	222	166	0.01%	0.002%
71	9.796	2853	2863	2868	rBV4	1226	1939	0.16%	0.018%

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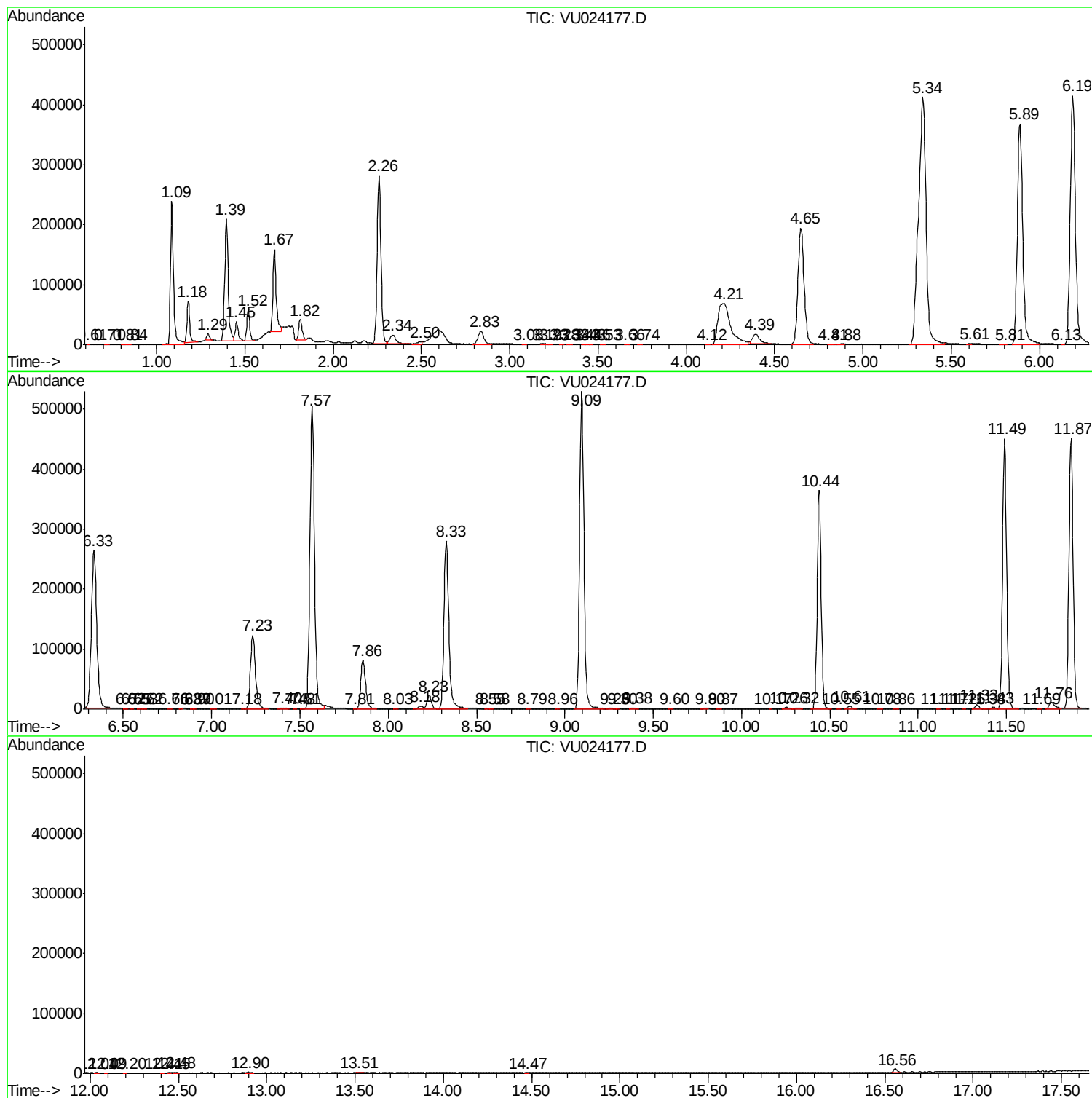
72	9.870	2882	2886	2891	rVB2	224	213	0.02%	0.002%
73	10.165	2974	2978	2979	rBV	303	202	0.02%	0.002%
74	10.255	2998	3006	3015	rVB5	2327	4009	0.33%	0.038%
75	10.320	3015	3026	3034	rBV5	1881	2985	0.24%	0.028%
76	10.439	3049	3063	3084	rBV	364632	579989	47.42%	5.426%
77	10.551	3095	3098	3100	rBV	308	163	0.01%	0.002%
78	10.612	3107	3117	3129	rVB	4645	7692	0.63%	0.072%
79	10.783	3164	3170	3174	rBV3	392	471	0.04%	0.004%
80	10.863	3192	3195	3202	rVB2	292	289	0.02%	0.003%
81	11.111	3269	3272	3277	rVB2	274	232	0.02%	0.002%
82	11.165	3286	3289	3292	rBV	184	175	0.01%	0.002%
83	11.262	3314	3319	3320	rBV2	190	192	0.02%	0.002%
84	11.332	3332	3341	3352	rVB	6674	10204	0.83%	0.095%
85	11.377	3353	3355	3360	rVB	354	189	0.02%	0.002%
86	11.426	3363	3370	3378	rBV2	2149	3166	0.26%	0.030%
87	11.490	3378	3390	3415	rBV	450786	710966	58.13%	6.652%
88	11.686	3447	3451	3456	rBV2	319	340	0.03%	0.003%
89	11.757	3462	3473	3489	rBV3	10451	23335	1.91%	0.218%
90	11.866	3494	3507	3525	rVB	450764	724524	59.24%	6.779%
91	12.037	3556	3560	3564	rVB3	787	676	0.06%	0.006%
92	12.088	3574	3576	3579	rVB2	395	185	0.02%	0.002%
93	12.201	3607	3611	3613	rBV2	261	182	0.01%	0.002%
94	12.406	3672	3675	3678	rVB2	260	161	0.01%	0.002%
95	12.448	3683	3688	3691	rVV2	493	603	0.05%	0.006%
96	12.480	3695	3698	3705	rVB4	907	1161	0.09%	0.011%
97	12.895	3822	3827	3836	rVB5	1732	2493	0.20%	0.023%
98	13.512	4017	4019	4029	rVB2	1067	1245	0.10%	0.012%
99	14.467	4313	4316	4322	rBV2	350	480	0.04%	0.004%
100	16.557	4960	4966	4975	rVB	5549	6970	0.57%	0.065%

Sum of corrected areas: 10688171

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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



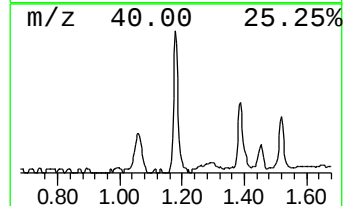
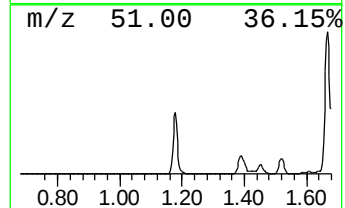
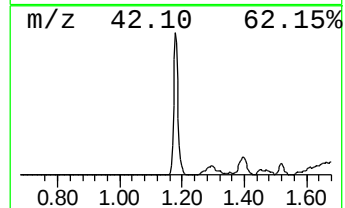
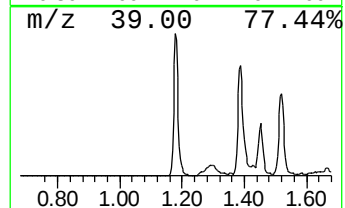
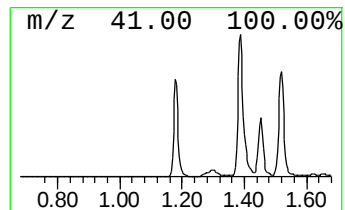
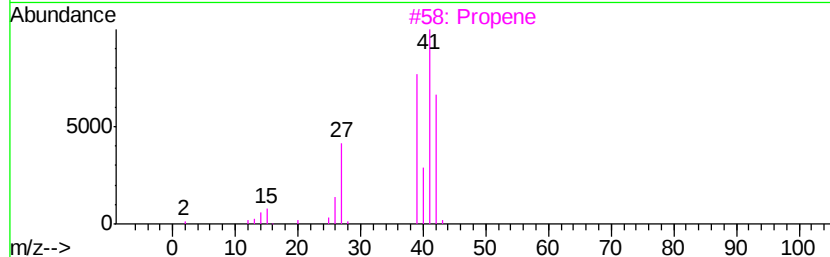
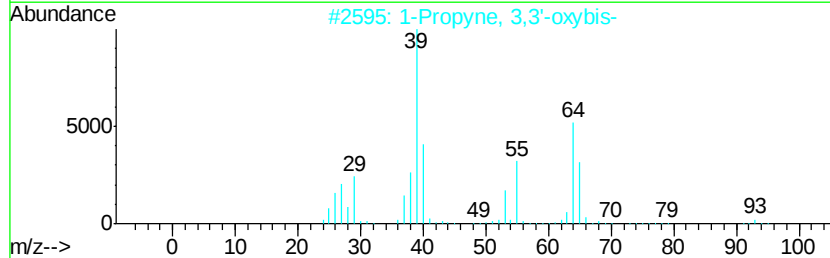
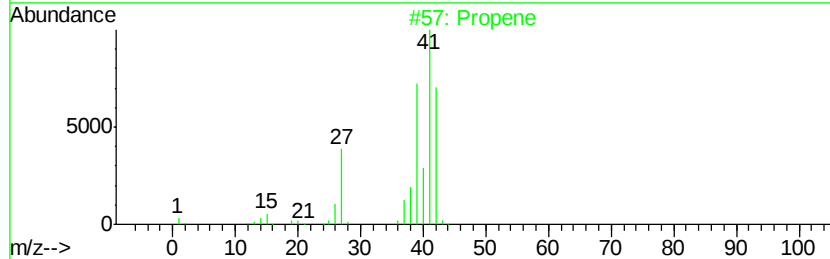
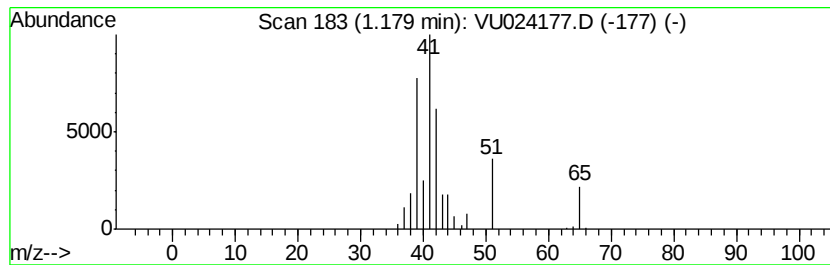
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ALS Vial : 36 Sample Multiplier: 1

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 2 (DEL) Alkane: Cyclic1.18 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.18	4.59 ug/L	70900	1,4-Difluorobenzene	5.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	80
2	1-Propyne, 3,3'-oxybis-	94	C6H6O	006921-27-3	50
3	Propene	42	C3H6	000115-07-1	45
4	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9
5	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	9



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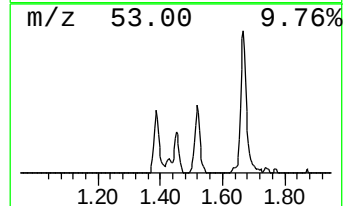
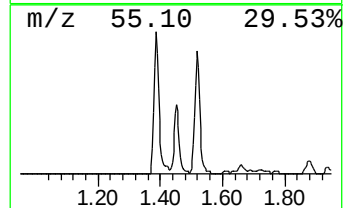
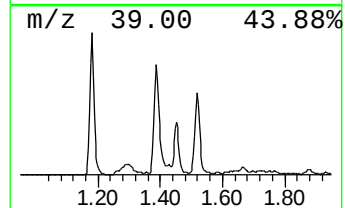
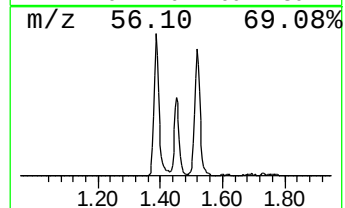
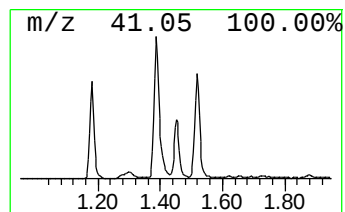
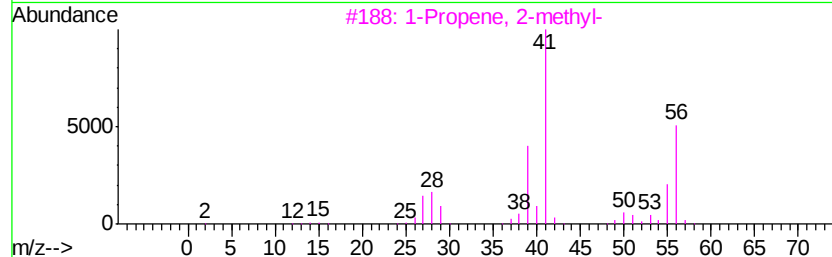
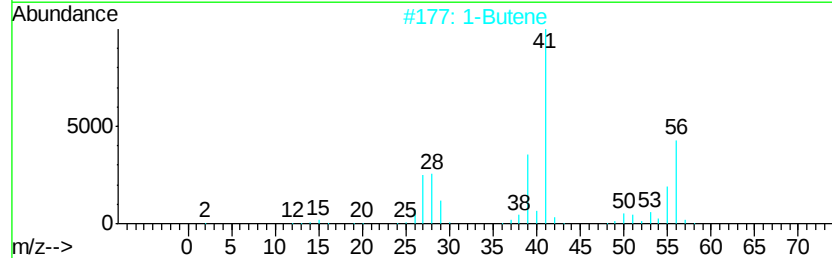
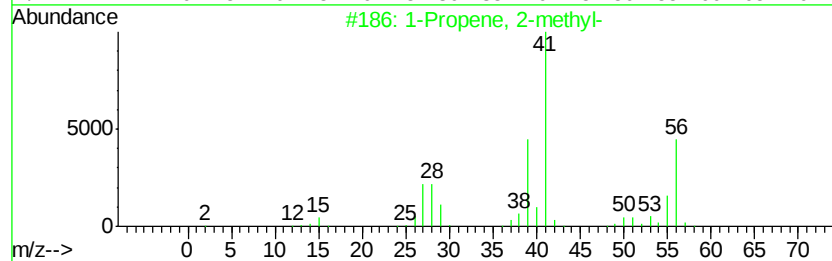
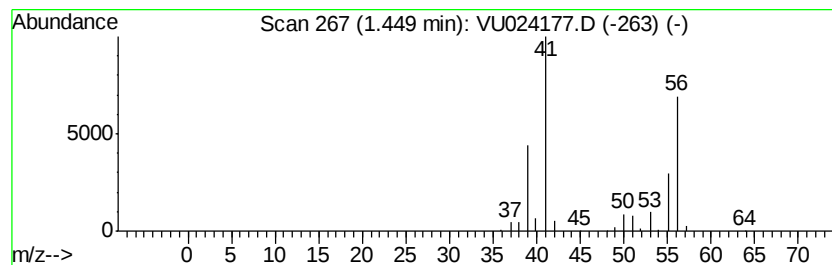
Quant Method : W:\HPCHEM1\MSVOA_U\METHOD\SOMULM052518WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 (DEL) Alkane: Cyclic1.45 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.45	2.51 ug/L	38754	1,4-Difluorobenzene	5.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propene, 2-methyl-	56	C4H8	000115-11-7	83
2			1-Butene	56	C4H8	000106-98-9	80
3			1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
4			1-Butene	56	C4H8	000106-98-9	80
5			1-Butene	56	C4H8	000106-98-9	80



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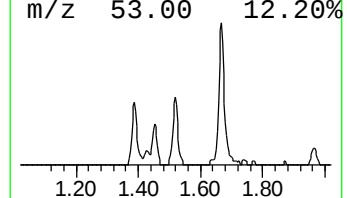
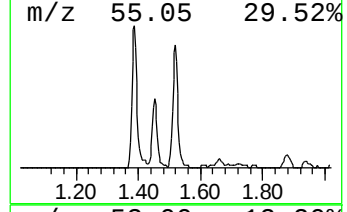
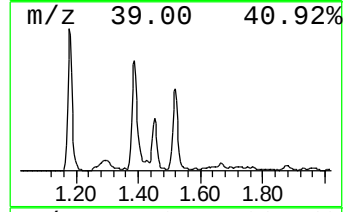
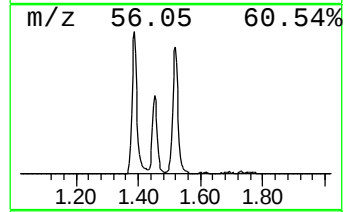
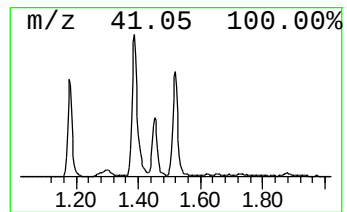
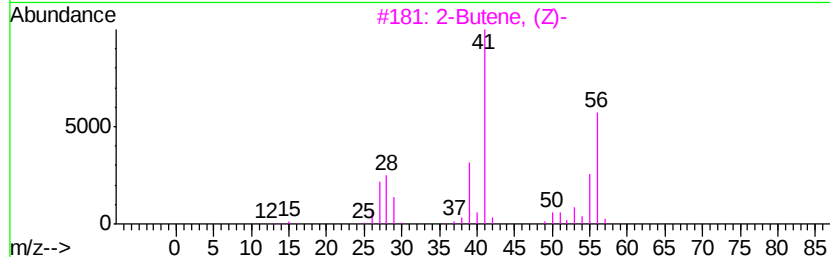
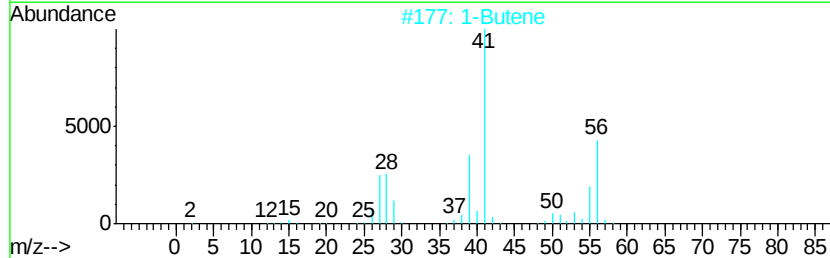
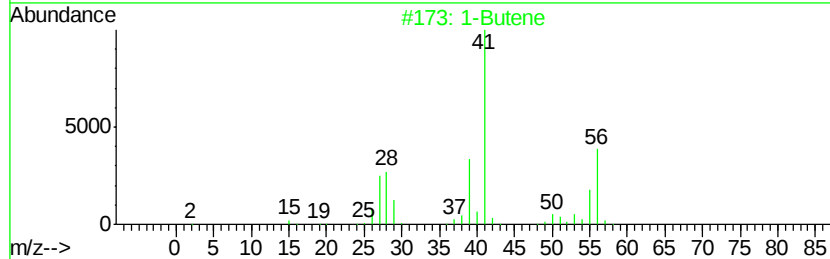
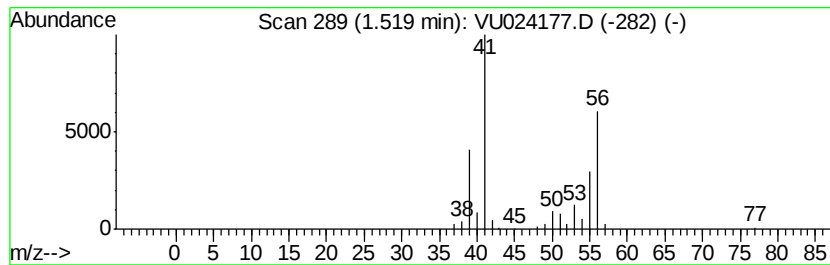
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Quant Title : VOC Analysis

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

Peak Number 4 (DEL) Alkane: Cyclic1.52 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	3.68 ug/L	56930	1,4-Difluorobenzene	5.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Butene	56	C4H8	000106-98-9	90
2		1-Butene	56	C4H8	000106-98-9	90
3		2-Butene, (Z)-	56	C4H8	000590-18-1	90
4		1-Butene	56	C4H8	000106-98-9	90
5		1-Propene, 2-methyl-	56	C4H8	000115-11-7	87



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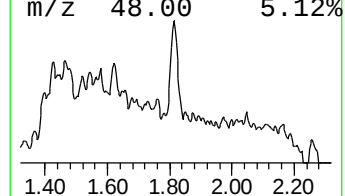
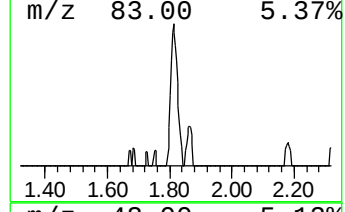
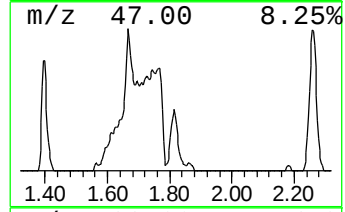
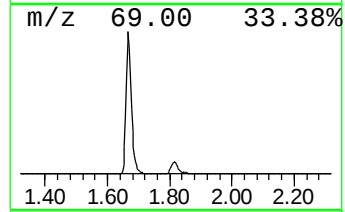
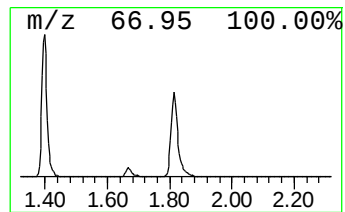
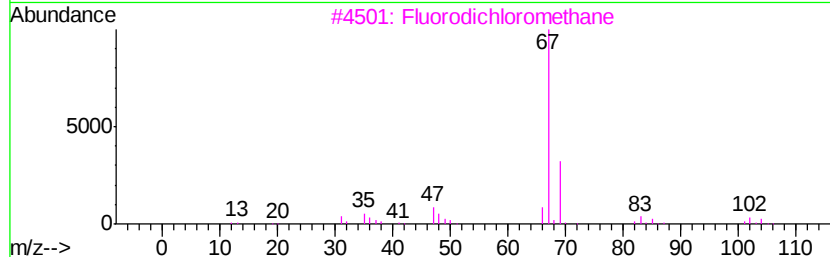
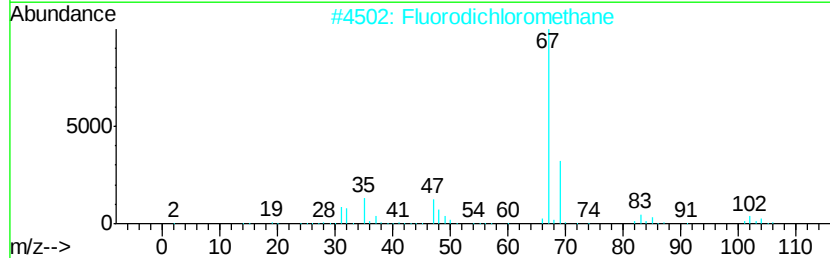
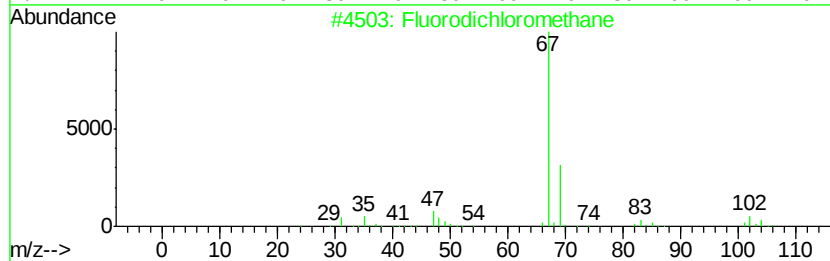
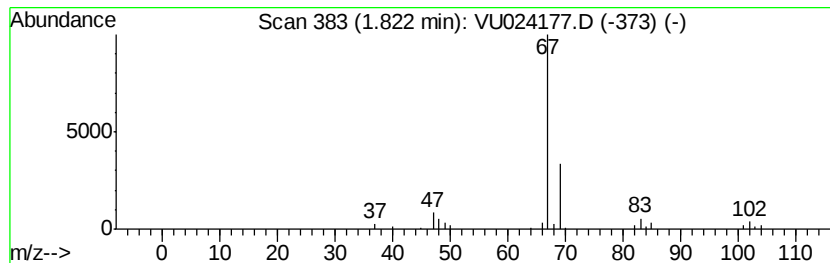
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Quant Title : VOC Analysis

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

Peak Number 5 Fluorodichloromethane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.82	3.20 ug/L	49459	1,4-Difluorobenzene	5.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Fluorodichloromethane	102	CHCl2F	000075-43-4	91
2		Fluorodichloromethane	102	CHCl2F	000075-43-4	91
3		Fluorodichloromethane	102	CHCl2F	000075-43-4	91
4		1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	7
5		Chlorine dioxide	67	ClO2	010049-04-4	5



Data Path : W:\HPCHEM1\MSVOA U\DATA\VU052618\
Data File : VU024177.D
Acq On : 27 May 2018 09:00
Operator : MD/SY
Sample : J3091-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

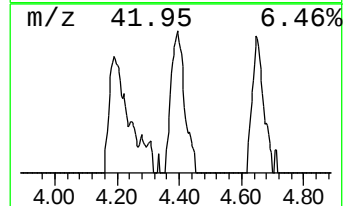
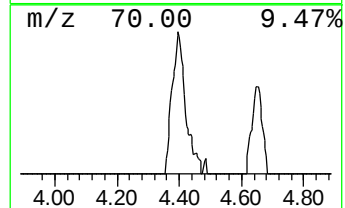
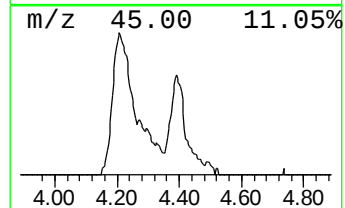
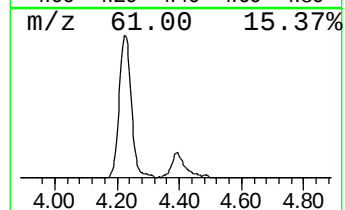
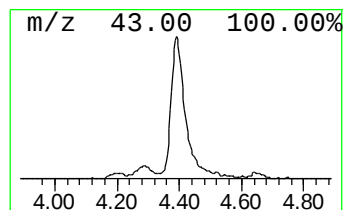
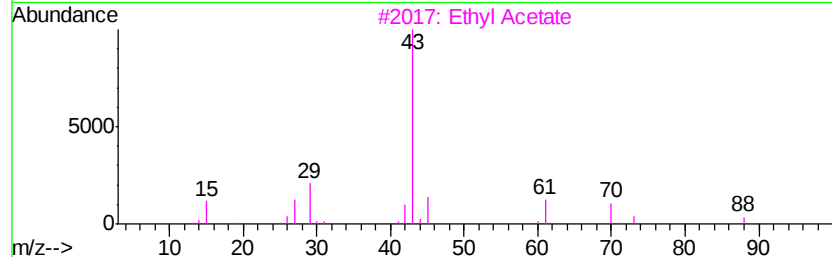
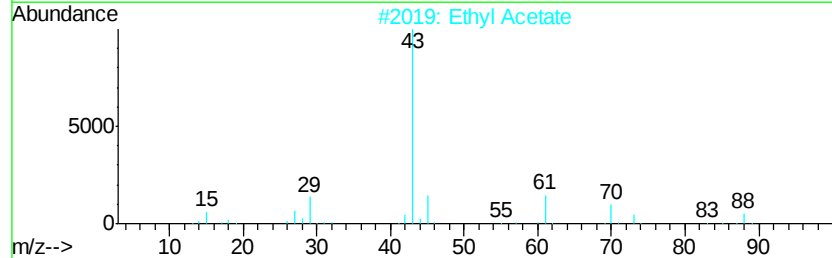
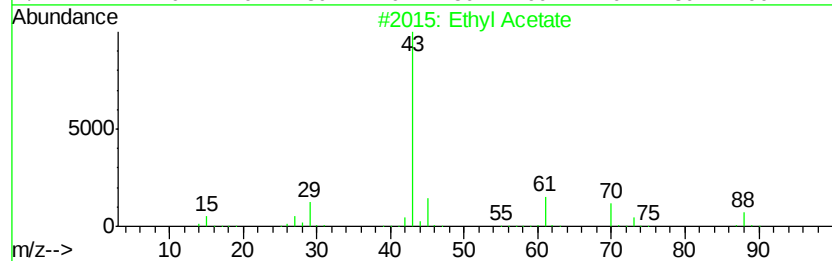
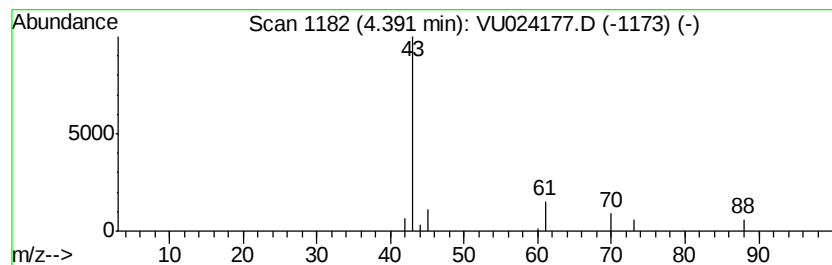
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Quant Title : VOC Analysis

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

Peak Number 7 Ethyl Acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	2.99 ug/L	46186	1,4-Difluorobenzene	5.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Acetate		88	C4H8O2	000141-78-6	90
2	Ethyl Acetate		88	C4H8O2	000141-78-6	90
3	Ethyl Acetate		88	C4H8O2	000141-78-6	83
4	Ethyl Acetate		88	C4H8O2	000141-78-6	83
5	CH3C(O)CH2CH2OH		88	C4H8O2	000590-90-9	45



Data Path : W:\HPCHEM1\MSVOA_U\DATA\VU052618\
Data File : VU024177.D
Acq On : 27 May 2018 09:00
Operator : MD/SY
Sample : J3091-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.18	4.6	ug/L	70900	1	5.89	772897	50.0
(DEL) Alkane: Cyc...	1.45	2.5	ug/L	38754	1	5.89	772897	50.0
(DEL) Alkane: Cyc...	1.52	3.7	ug/L	56930	1	5.89	772897	50.0
Fluorodichloromet...	1.82	3.2	ug/L	49459	1	5.89	772897	50.0
Ethyl Acetate	4.39	3.0	ug/L	46186	1	5.89	772897	50.0