

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040721\
 Data File : VU042979.D
 Acq On : 07 Apr 2021 14:22
 Operator : SY/MD
 Sample : M1906-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 X3306

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040721WMA.M

Title : VOC Analysis

Signal : TIC: VU042979.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.385	8	14	34	rVB	66791	75523	5.16%	0.520%
2	1.485	39	45	51	rVV	22469	24762	1.69%	0.171%
3	1.523	51	57	74	rVB	61913	69117	4.72%	0.476%
4	1.607	75	83	97	rVB2	171937	208556	14.24%	1.437%
5	1.838	150	155	158	rBV2	33381	33559	2.29%	0.231%
6	1.867	159	164	170	rVV	122181	138014	9.42%	0.951%
7	2.137	238	248	266	rVB	164270	248393	16.96%	1.712%
8	2.581	371	386	395	rBV5	366230	711418	48.58%	4.902%
9	2.642	396	405	436	rVB	899386	1464509	100.00%	10.092%
10	3.051	519	532	560	rVB2	124886	250635	17.11%	1.727%
11	3.189	566	575	588	rVB4	1400	3291	0.22%	0.023%
12	3.266	597	599	602	rVB2	268	173	0.01%	0.001%
13	3.289	602	606	607	rBV	177	135	0.01%	0.001%
14	3.359	614	628	645	rBV	64515	126829	8.66%	0.874%
15	3.494	667	670	675	rVB	289	237	0.02%	0.002%
16	3.520	675	678	681	rBV	218	172	0.01%	0.001%
17	3.552	685	688	691	rBV	173	157	0.01%	0.001%
18	3.645	714	717	722	rBV	178	226	0.02%	0.002%
19	3.726	740	742	746	rBV	151	156	0.01%	0.001%
20	3.877	771	789	812	rBV	140800	333018	22.74%	2.295%
21	3.980	816	821	826	rBV2	289	387	0.03%	0.003%
22	4.041	835	840	842	rBB	163	163	0.01%	0.001%
23	4.063	843	847	849	rBV	179	154	0.01%	0.001%
24	4.160	874	877	881	rBB	147	147	0.01%	0.001%
25	4.189	882	886	891	rBV	190	237	0.02%	0.002%
26	4.317	921	926	929	rBV	212	212	0.01%	0.001%
27	4.391	947	949	954	rBV	134	155	0.01%	0.001%
28	4.456	966	969	971	rBV	153	132	0.01%	0.001%
29	4.559	998	1001	1005	rBV	252	257	0.02%	0.002%
30	4.626	1006	1022	1028	rBV	89022	189260	12.92%	1.304%
31	4.854	1090	1093	1096	rBV2	164	135	0.01%	0.001%
32	4.980	1117	1132	1147	rBV3	100591	218028	14.89%	1.502%
33	5.089	1149	1166	1186	rVB4	220283	667580	45.58%	4.600%
34	5.324	1222	1239	1257	rBV2	65934	150564	10.28%	1.038%
35	5.452	1275	1279	1280	rBV2	247	168	0.01%	0.001%
36	5.533	1286	1304	1326	rVB	182814	395767	27.02%	2.727%

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040721WMA.M
 Title : VOC Analysis

37	5.636	1333	1336	1341	rBV2	163	140	0.01%	0.001%
38	5.732	1343	1366	1374	rBV2	257449	715927	48.89%	4.933%
39	5.932	1425	1428	1431	rBV3	470	272	0.02%	0.002%
40	5.970	1438	1440	1444	rVB	463	185	0.01%	0.001%
41	6.047	1461	1464	1467	rBV2	272	227	0.02%	0.002%
42	6.089	1468	1477	1489	rVB5	2548	4834	0.33%	0.033%
43	6.186	1503	1507	1509	rBV	155	135	0.01%	0.001%
44	6.256	1513	1529	1547	rVV	244450	454130	31.01%	3.129%
45	6.401	1571	1574	1577	rBV	373	353	0.02%	0.002%
46	6.452	1586	1590	1594	rBB	192	203	0.01%	0.001%
47	6.549	1606	1620	1644	rVV	356794	659275	45.02%	4.543%
48	6.697	1650	1666	1683	rBV	172764	334413	22.83%	2.304%
49	6.800	1684	1698	1715	rVB	171593	319567	21.82%	2.202%
50	6.951	1742	1745	1749	rBB	187	139	0.01%	0.001%
51	6.983	1750	1755	1758	rBB	252	232	0.02%	0.002%
52	7.041	1769	1773	1774	rBV2	351	253	0.02%	0.002%
53	7.115	1783	1796	1810	rBV	64276	115297	7.87%	0.794%
54	7.176	1811	1815	1818	rVV2	438	385	0.03%	0.003%
55	7.221	1820	1829	1842	rVB	12028	19493	1.33%	0.134%
56	7.317	1854	1859	1862	rBV	232	278	0.02%	0.002%
57	7.356	1867	1871	1875	rBB	186	198	0.01%	0.001%
58	7.452	1898	1901	1903	rBV	251	178	0.01%	0.001%
59	7.504	1913	1917	1921	rBB	160	183	0.01%	0.001%
60	7.571	1925	1938	1945	rBV	107355	187070	12.77%	1.289%
61	7.716	1974	1983	1997	rVB2	25018	42242	2.88%	0.291%
62	7.774	1997	2001	2002	rBV	269	170	0.01%	0.001%
63	7.796	2006	2008	2010	rBV	375	202	0.01%	0.001%
64	7.838	2019	2021	2026	rVB2	188	152	0.01%	0.001%
65	7.906	2028	2042	2056	rBV	334499	570774	38.97%	3.933%
66	8.185	2117	2129	2132	rBV2	79908	114621	7.83%	0.790%
67	8.362	2180	2184	2186	rBV3	644	445	0.03%	0.003%
68	8.407	2186	2198	2214	rVV2	123645	208494	14.24%	1.437%
69	8.507	2227	2229	2232	rVV2	205	140	0.01%	0.001%
70	8.558	2232	2245	2259	rVV	383971	650284	44.40%	4.481%
71	8.642	2260	2271	2312	rVV	259644	509018	34.76%	3.508%
72	8.819	2314	2326	2345	rVB	125011	214705	14.66%	1.479%
73	8.931	2349	2361	2375	rBV	73729	121880	8.32%	0.840%
74	9.054	2396	2399	2403	rVV2	175	153	0.01%	0.001%
75	9.073	2403	2405	2408	rVB	212	129	0.01%	0.001%
76	9.157	2426	2431	2434	rBV2	191	210	0.01%	0.001%

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Min Area: 0 % of largest Peak

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77	9.189	2438	2441	2443	rBV	224	129	0.01%	0.001%
78	9.423	2500	2514	2532	rBV	358022	588085	40.16%	4.052%
79	9.542	2539	2551	2572	rVB	279702	468963	32.02%	3.232%
80	9.690	2594	2597	2598	rBV	387	251	0.02%	0.002%
81	9.851	2643	2647	2651	rBV2	277	257	0.02%	0.002%
82	10.156	2739	2742	2745	rVB	292	177	0.01%	0.001%
83	10.298	2774	2786	2806	rVV	148858	249131	17.01%	1.717%
84	10.394	2813	2816	2818	rBV	307	188	0.01%	0.001%
85	10.507	2848	2851	2853	rBV	183	133	0.01%	0.001%
86	10.681	2898	2905	2914	rVB4	2070	2950	0.20%	0.020%
87	10.767	2919	2932	2936	rBV	283134	459767	31.39%	3.168%
88	10.999	3002	3004	3010	rVB2	268	186	0.01%	0.001%
89	11.099	3029	3035	3040	rBV3	994	1258	0.09%	0.009%
90	11.301	3089	3098	3107	rBV6	1963	2770	0.19%	0.019%
91	11.475	3135	3152	3171	rBV	520036	791085	54.02%	5.451%
92	11.587	3182	3187	3192	rBV3	564	463	0.03%	0.003%
93	11.616	3192	3196	3199	rBV2	354	307	0.02%	0.002%
94	11.745	3233	3236	3238	rBV	471	348	0.02%	0.002%
95	11.822	3247	3260	3276	rBV	375465	610198	41.67%	4.205%
96	11.896	3281	3283	3288	rBV2	306	269	0.02%	0.002%
97	12.201	3363	3378	3396	rBV	359153	589295	40.24%	4.061%
98	12.333	3416	3419	3425	rBV2	450	323	0.02%	0.002%
99	12.507	3470	3473	3476	rBV2	205	171	0.01%	0.001%
100	13.005	3616	3628	3645	rVB2	113215	186111	12.71%	1.282%

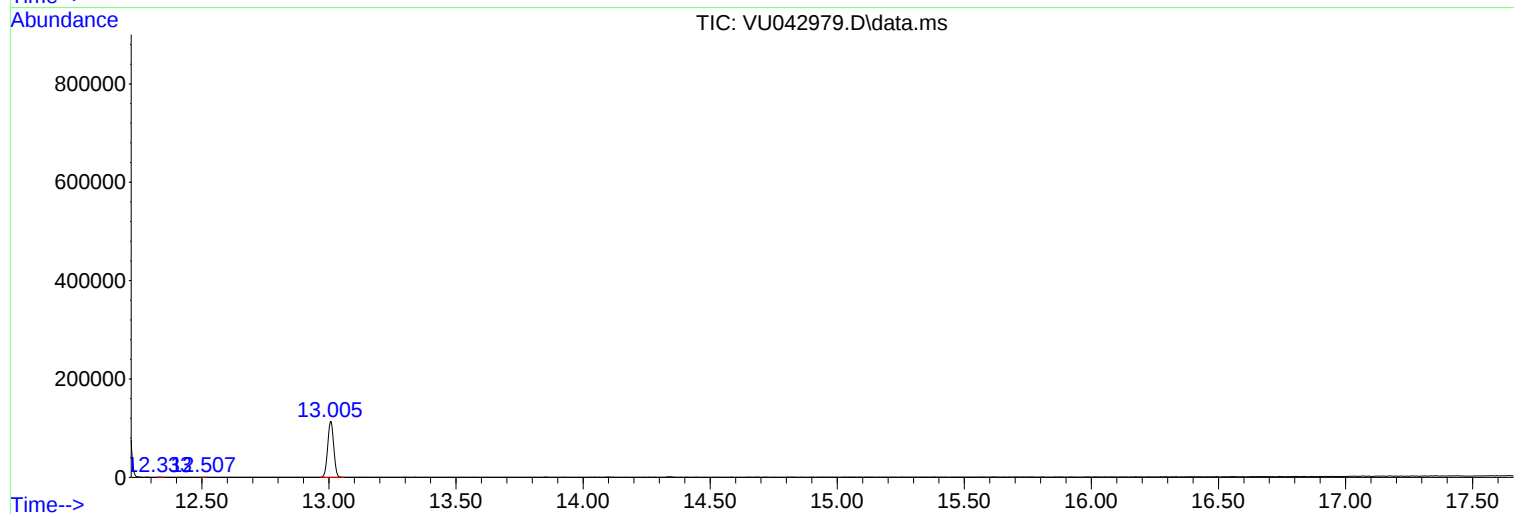
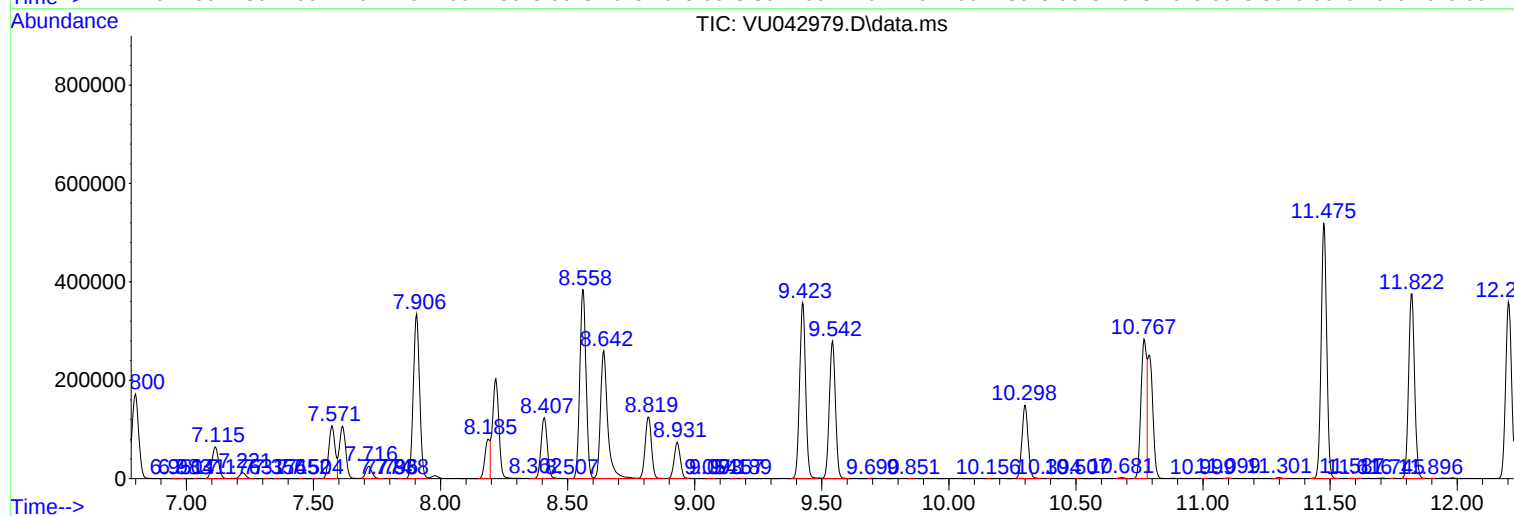
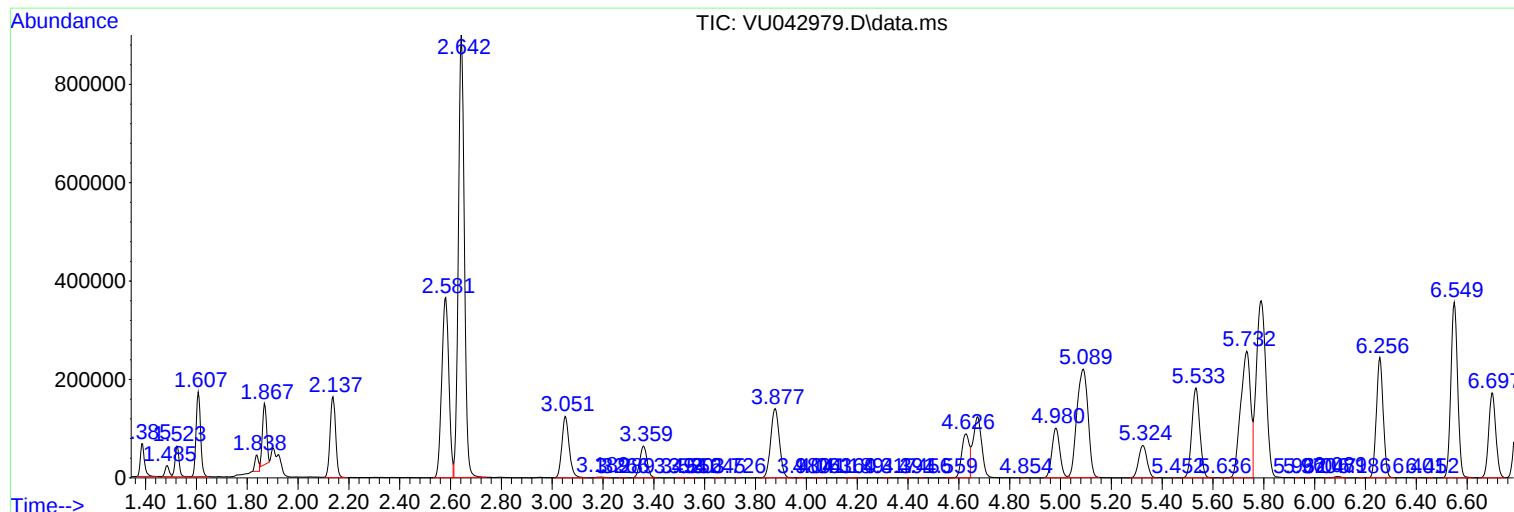
Sum of corrected areas: 14512027

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040721WMA.M
Quant Title : VOC Analysis

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



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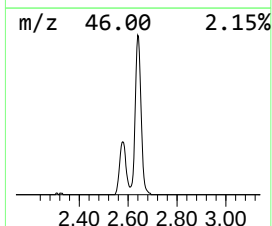
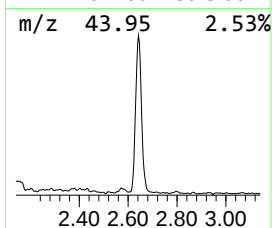
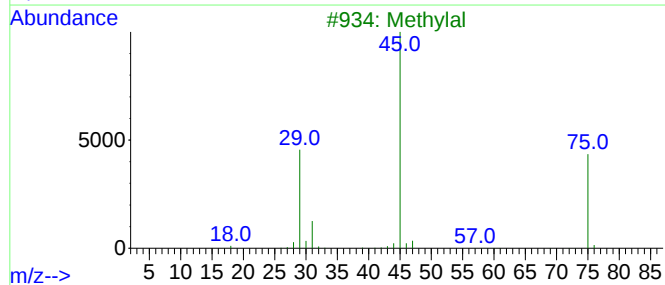
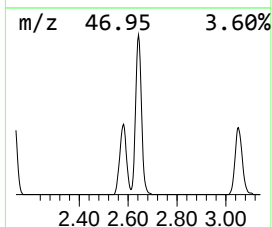
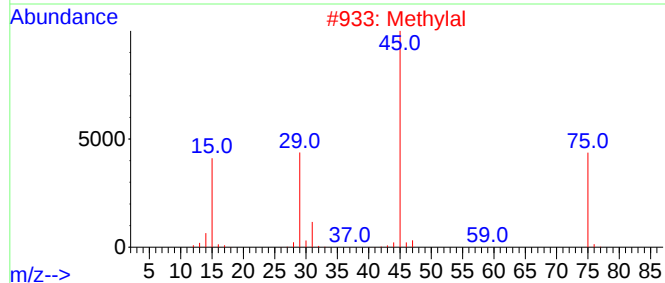
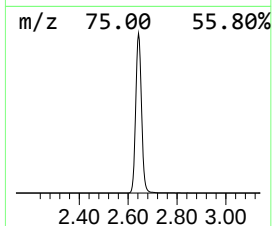
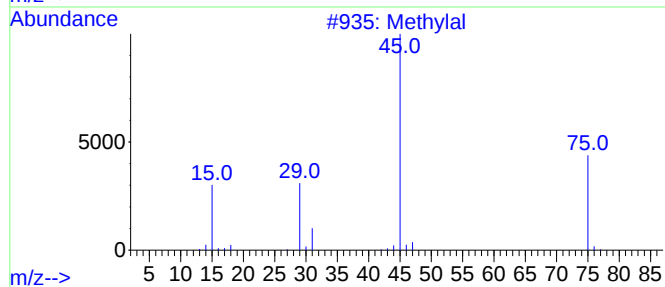
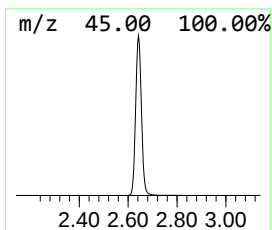
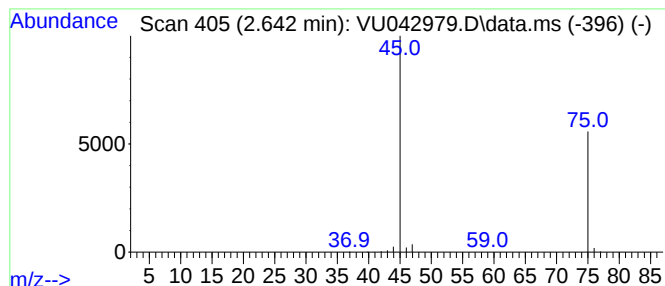
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040721WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Methylal Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.642	161.24 ug/L	1464510	1,4-Difluorobenzene	6.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methylal	76	C3H8O2	000109-87-5	86
2			Methylal	76	C3H8O2	000109-87-5	78
3			Methylal	76	C3H8O2	000109-87-5	59
4			Methanamine, N,N-dimethyl-, N-oxide	75	C3H9NO	001184-78-7	7
5			Ethanethioamide	75	C2H5NS	000062-55-5	5



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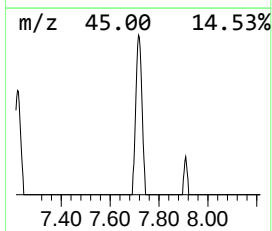
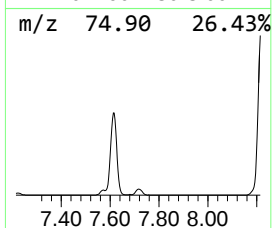
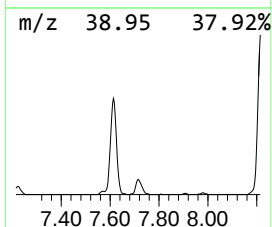
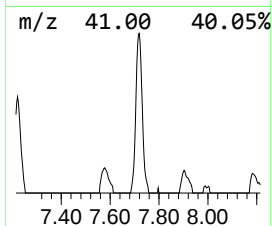
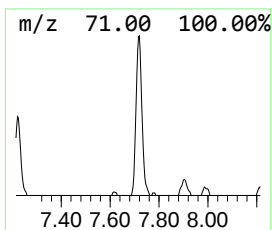
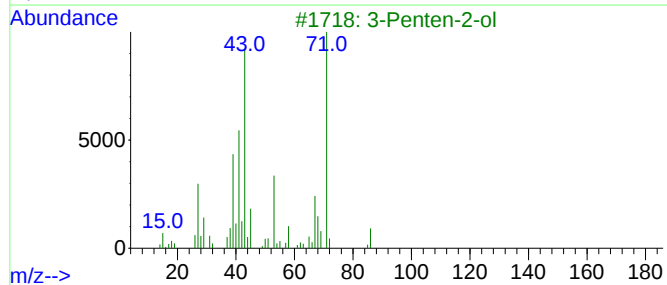
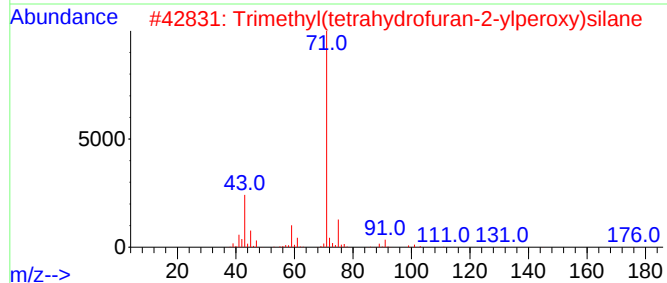
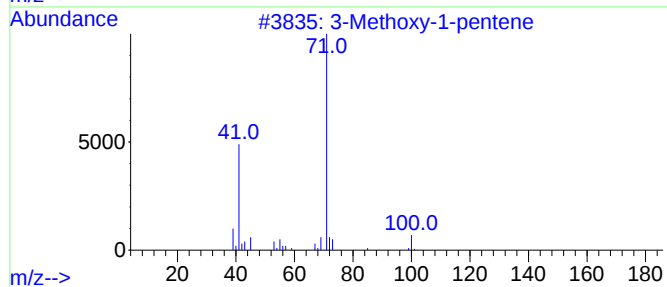
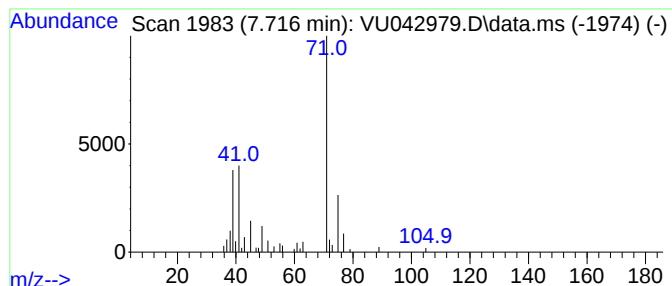
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040721WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.716	4.65 ug/L	42242	1,4-Difluorobenzene	6.256

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Methoxy-1-pentene	100	C6H12O	014092-18-3	40
2			Trimethyl(tetrahydrofuran-2-ylpe...	176	C7H16O3Si	1000368-50-8	39
3			3-Penten-2-ol	86	C5H10O	001569-50-2	36
4			Sulfurous acid, 2-pentyl pentyl ...	222	C10H22O3S	1000309-15-4	33
5			Butanoic acid, anhydride	158	C8H14O3	000106-31-0	33



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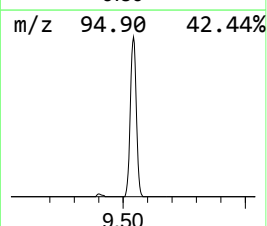
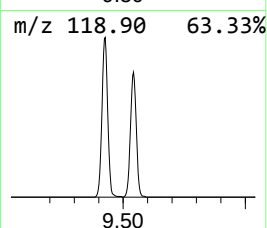
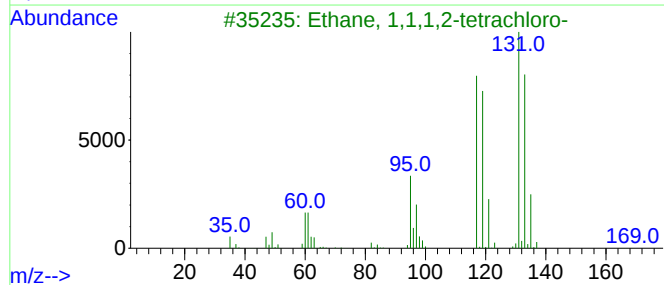
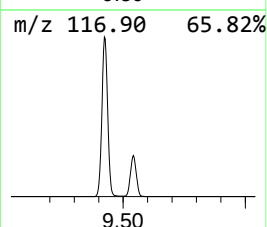
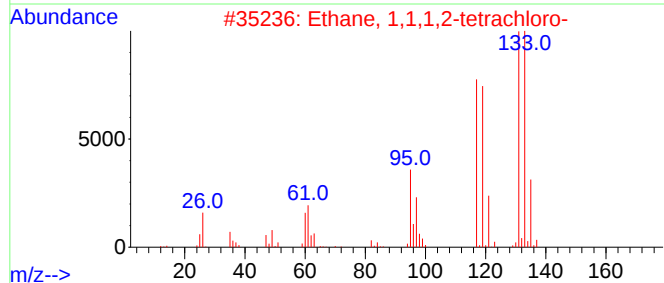
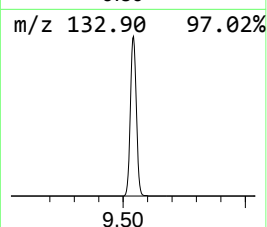
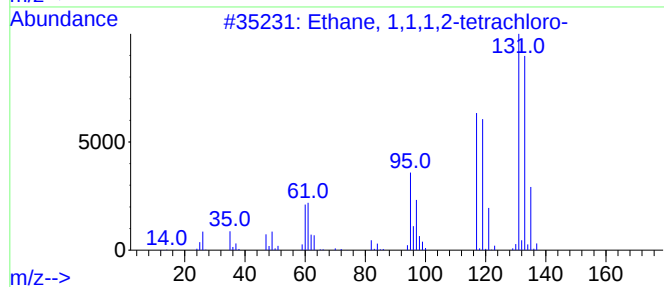
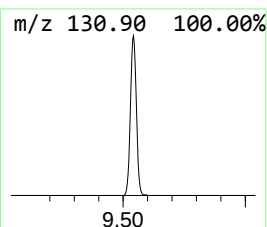
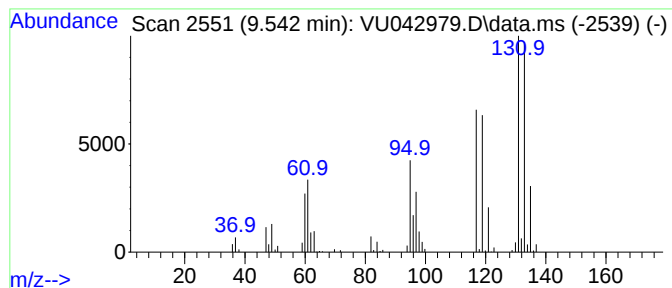
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Quant Title : VOC Analysis

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

Peak Number 3 Ethane, 1,1,1,2-tetrachloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.542	39.87 ug/L	468963	Chlorobenzene-d5	9.423

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	87
2			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	86
3			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	64
4			Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	59
5			Trichloroacetyl chloride	180	C2Cl4O	000076-02-8	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040721\
Data File : VU042979.D
Acq On : 07 Apr 2021 14:22
Operator : SY/MD
Sample : M1906-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
X3306

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040721WMA.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
Methylal	2.642	161.2	ug/L	1464510	1	6.256	454130	50.0
unknown-01	7.716	4.7	ug/L	42242	1	6.256	454130	50.0
Ethane, 1,1,1,2...	9.542	39.9	ug/L	468963	2	9.423	588085	50.0