

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\
 Data File : VU033640.D
 Acq On : 08 Aug 2019 16:15
 Operator : JC/SP
 Sample : K4161-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOF9

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\SOMULM080819WMA.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	1.177	23	27	33	rVB	3992	3641	0.34%	0.041%
2	1.392	87	94	105	rBV	144357	147557	13.98%	1.644%
3	1.540	134	140	150	rVB2	16063	19828	1.88%	0.221%
4	1.672	173	181	193	rBV	122731	155666	14.75%	1.735%
5	1.997	275	282	294	rVB2	14481	20816	1.97%	0.232%
6	2.261	353	364	374	rBV	213003	323187	30.61%	3.601%
7	2.376	398	400	405	rBV2	627	426	0.04%	0.005%
8	2.428	405	416	436	rBV	36491	70065	6.64%	0.781%
9	2.601	467	470	473	rBV2	483	361	0.03%	0.004%
10	2.633	478	480	485	rVB2	396	287	0.03%	0.003%
11	2.679	490	494	502	rVB5	676	842	0.08%	0.009%
12	2.820	522	538	550	rBV3	5990	13291	1.26%	0.148%
13	2.939	572	575	577	rBV2	373	259	0.02%	0.003%
14	2.968	581	584	589	rVV3	610	603	0.06%	0.007%
15	3.090	619	622	627	rBV2	268	227	0.02%	0.003%
16	3.158	638	643	645	rBV	375	353	0.03%	0.004%
17	3.190	650	653	657	rVB2	426	319	0.03%	0.004%
18	3.592	774	778	784	rVB2	393	384	0.04%	0.004%
19	3.637	789	792	796	rBV	259	241	0.02%	0.003%
20	3.765	827	832	835	rVB2	233	212	0.02%	0.002%
21	3.813	844	847	852	rVB2	265	236	0.02%	0.003%
22	3.936	882	885	888	rVB2	386	266	0.03%	0.003%
23	3.958	888	892	896	rBV	316	212	0.02%	0.002%
24	4.029	909	914	920	rBV2	487	711	0.07%	0.008%
25	4.148	939	951	995	rBV	119584	338118	32.03%	3.768%
26	4.624	1081	1099	1131	rBV2	174401	436096	41.31%	4.859%
27	4.772	1141	1145	1150	rBV4	399	439	0.04%	0.005%
28	5.167	1263	1268	1272	rBV2	262	353	0.03%	0.004%
29	5.318	1291	1315	1340	rBV2	347613	1055672	100.00%	11.763%
30	5.437	1349	1352	1364	rVB6	1607	2488	0.24%	0.028%
31	5.505	1370	1373	1379	rVB3	633	613	0.06%	0.007%
32	5.543	1382	1385	1390	rVB2	459	424	0.04%	0.005%
33	5.572	1390	1394	1396	rBV	330	222	0.02%	0.002%
34	5.649	1416	1418	1422	rVB2	603	400	0.04%	0.004%

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 Title : VOC Analysis

35	5.675	1422	1426	1429	rBV3	470	419	0.04%	0.005%
36	5.727	1439	1442	1449	rVB3	374	356	0.03%	0.004%
37	5.788	1454	1461	1465	rBV3	588	859	0.08%	0.010%
38	5.865	1472	1485	1515	rBV	362346	715446	67.77%	7.972%
39	6.167	1563	1579	1586	rBV8	2581	5169	0.49%	0.058%
40	6.309	1609	1623	1645	rBV	243817	491289	46.54%	5.474%
41	6.440	1659	1664	1667	rBV4	725	593	0.06%	0.007%
42	6.482	1676	1677	1682	rVB2	348	252	0.02%	0.003%
43	6.807	1774	1778	1783	rVB3	210	219	0.02%	0.002%
44	6.836	1783	1787	1788	rBV	463	309	0.03%	0.003%
45	7.106	1865	1871	1876	rBV2	321	332	0.03%	0.004%
46	7.151	1881	1885	1888	rVB2	359	256	0.02%	0.003%
47	7.209	1888	1903	1924	rBV	131230	241146	22.84%	2.687%
48	7.379	1948	1956	1967	rVB6	2557	4876	0.46%	0.054%
49	7.463	1980	1982	1985	rVB3	441	241	0.02%	0.003%
50	7.546	1995	2008	2049	rBV	442915	788636	74.70%	8.788%
51	7.833	2083	2097	2127	rBV	92866	167329	15.85%	1.865%
52	8.032	2154	2159	2161	rBV	469	368	0.03%	0.004%
53	8.161	2186	2199	2211	rBV4	2187	3912	0.37%	0.044%
54	8.206	2211	2213	2215	rBV3	500	275	0.03%	0.003%
55	8.292	2229	2240	2274	rBV	364666	683416	64.74%	7.615%
56	8.508	2305	2307	2309	rBV	500	272	0.03%	0.003%
57	8.685	2358	2362	2365	rBV2	402	267	0.03%	0.003%
58	8.935	2434	2440	2442	rBV	312	220	0.02%	0.002%
59	9.009	2452	2463	2470	rBV3	6414	10606	1.00%	0.118%
60	9.071	2470	2482	2507	rBV	536443	909389	86.14%	10.133%
61	9.238	2529	2534	2537	rBV3	736	853	0.08%	0.010%
62	9.325	2559	2561	2566	rVB	443	332	0.03%	0.004%
63	9.357	2568	2571	2572	rVV	845	433	0.04%	0.005%
64	9.370	2572	2575	2580	rVB3	982	778	0.07%	0.009%
65	9.463	2601	2604	2610	rBV2	304	299	0.03%	0.003%
66	9.546	2626	2630	2637	rBV3	375	436	0.04%	0.005%
67	9.579	2637	2640	2646	rBV2	321	364	0.03%	0.004%
68	9.781	2692	2703	2709	rBV5	817	1402	0.13%	0.016%
69	9.964	2757	2760	2762	rBV2	409	249	0.02%	0.003%
70	10.087	2792	2798	2800	rBV	296	294	0.03%	0.003%
71	10.151	2813	2818	2824	rVV3	504	527	0.05%	0.006%

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72	10.222	2831	2840	2849	rVB5	1854	3087	0.29%	0.034%
73	10.415	2888	2900	2925	rBV	411878	653462	61.90%	7.282%
74	10.572	2945	2949	2950	rBV	544	362	0.03%	0.004%
75	10.595	2950	2956	2957	rBV2	827	786	0.07%	0.009%
76	10.762	3002	3008	3015	rVV3	548	710	0.07%	0.008%
77	10.826	3025	3028	3035	rVB2	364	397	0.04%	0.004%
78	10.858	3035	3038	3043	rBV2	316	347	0.03%	0.004%
79	10.923	3051	3058	3065	rVB2	586	690	0.07%	0.008%
80	10.980	3071	3076	3079	rBV2	322	222	0.02%	0.002%
81	11.006	3081	3084	3089	rBV3	250	262	0.02%	0.003%
82	11.125	3118	3121	3122	rVV2	415	261	0.02%	0.003%
83	11.135	3122	3124	3131	rVV2	974	1019	0.10%	0.011%
84	11.273	3164	3167	3170	rVB3	337	247	0.02%	0.003%
85	11.315	3175	3180	3182	rBV	283	287	0.03%	0.003%
86	11.369	3189	3197	3199	rBV2	532	602	0.06%	0.007%
87	11.405	3202	3208	3216	rVB5	1727	2103	0.20%	0.023%
88	11.466	3216	3227	3249	rBV	534875	854506	80.94%	9.522%
89	11.665	3287	3289	3293	rBV2	308	278	0.03%	0.003%
90	11.775	3320	3323	3325	rBV2	340	229	0.02%	0.003%
91	11.845	3331	3345	3372	rBV	497601	822042	77.87%	9.160%
92	12.045	3404	3407	3413	rVB3	396	382	0.04%	0.004%
93	12.308	3484	3489	3491	rBV2	363	363	0.03%	0.004%
94	12.443	3526	3531	3533	rBV2	273	291	0.03%	0.003%
95	12.514	3549	3553	3554	rBV	353	211	0.02%	0.002%
96	12.739	3619	3623	3626	rBV2	295	300	0.03%	0.003%
97	12.877	3660	3666	3667	rBV2	1867	1230	0.12%	0.014%
98	13.022	3707	3711	3717	rBV3	542	617	0.06%	0.007%
99	13.508	3855	3862	3865	rBV3	1230	1377	0.13%	0.015%
100	14.041	4026	4028	4030	rBV	420	235	0.02%	0.003%

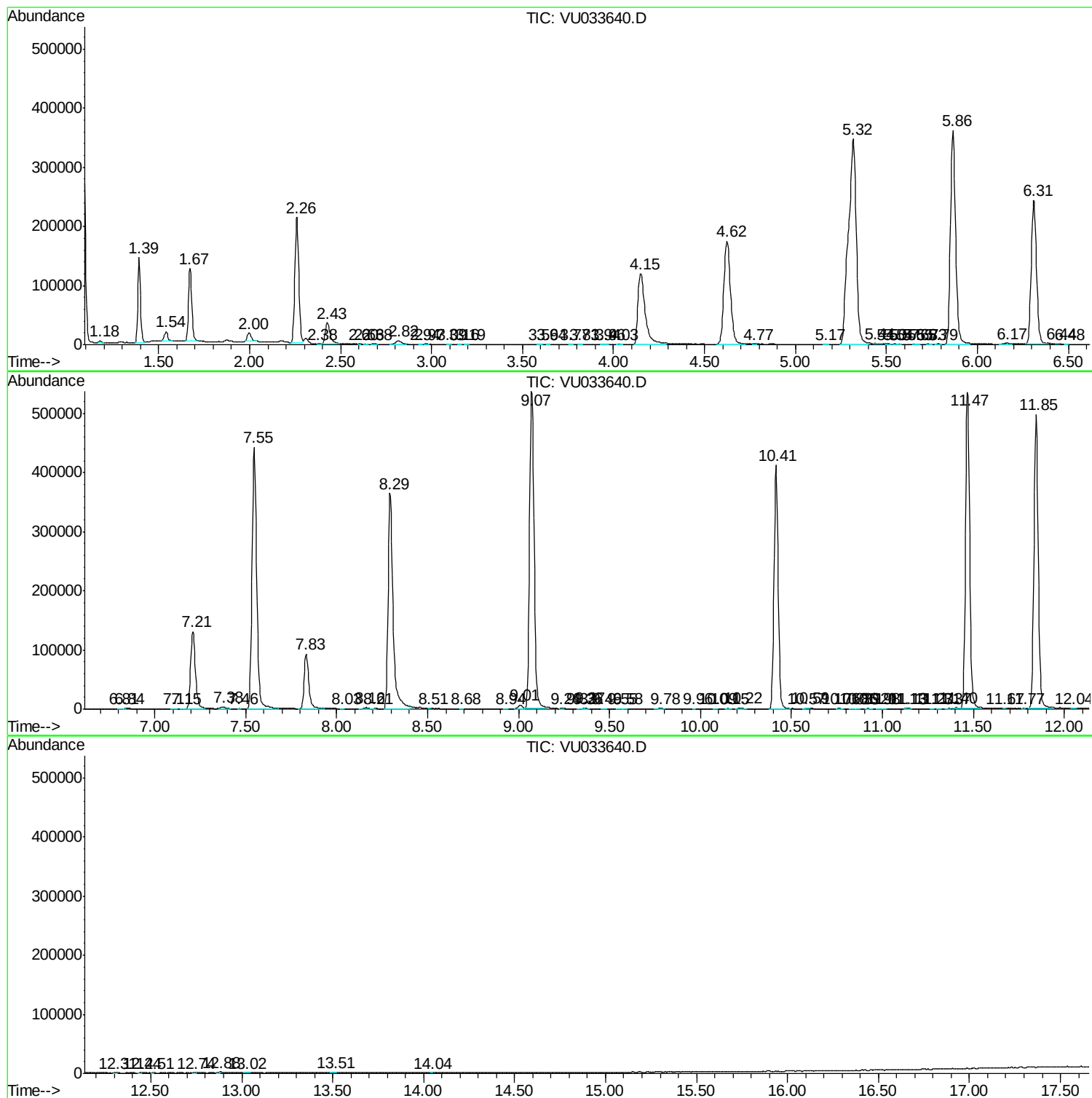
Sum of corrected areas: 8974139

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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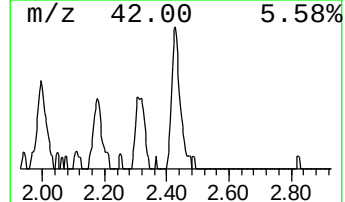
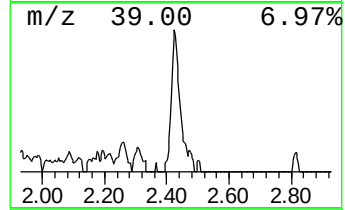
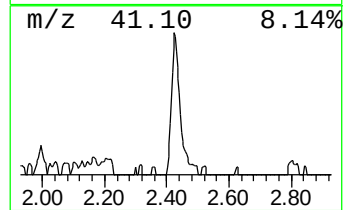
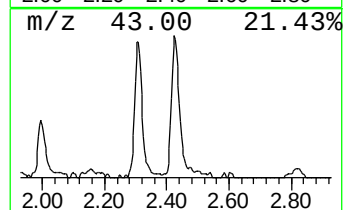
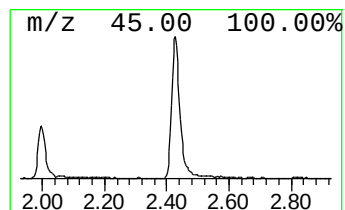
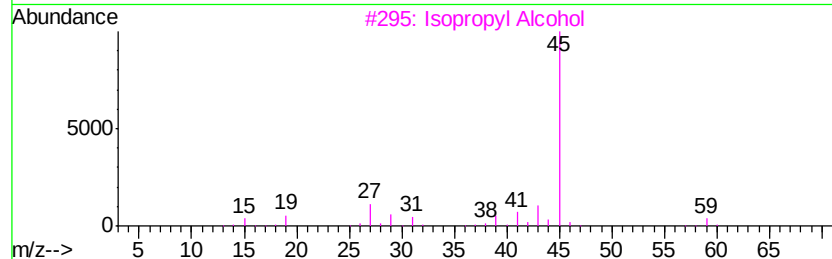
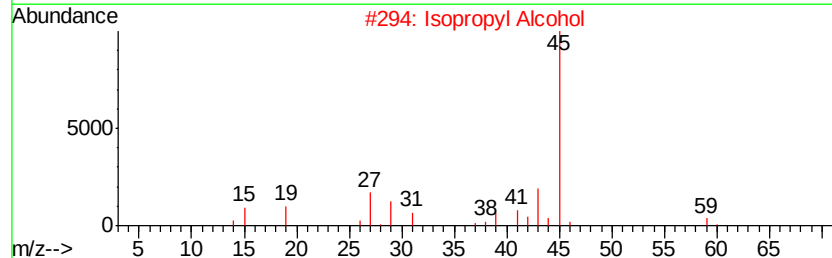
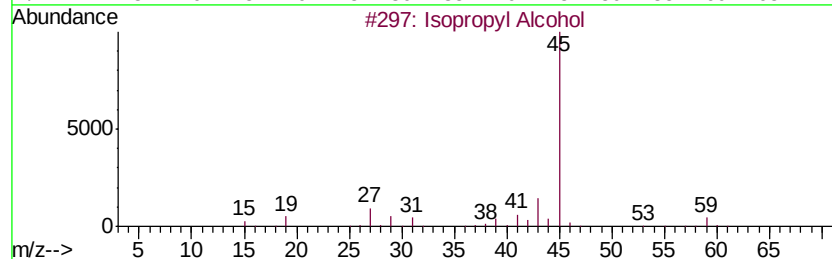
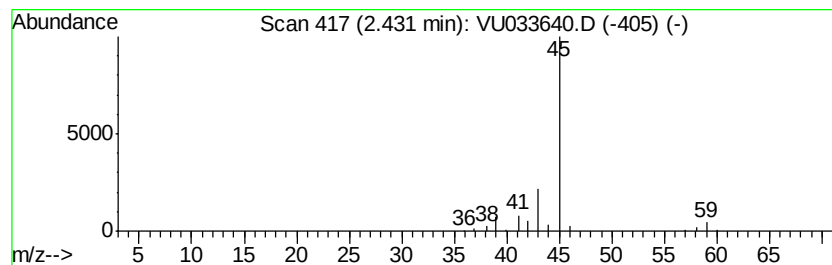
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	4.90 ug/L	70065	1,4-Difluorobenzene	5.86

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	83
3	Isopropyl Alcohol		60	C3H8O	000067-63-0	78
4	Hydrazine, ethyl-		60	C2H8N2	000624-80-6	40
5	Hydrazine, 1,2-dimethyl-		60	C2H8N2	000540-73-8	9



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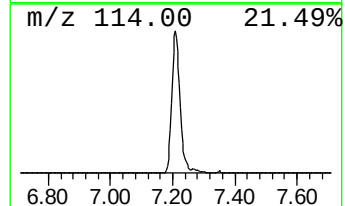
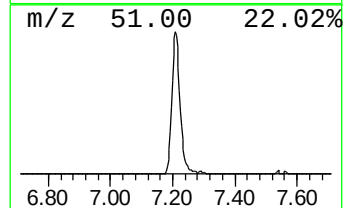
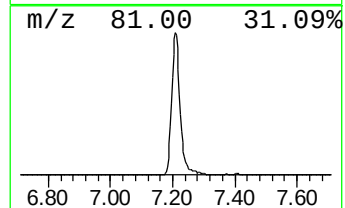
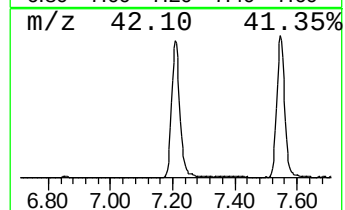
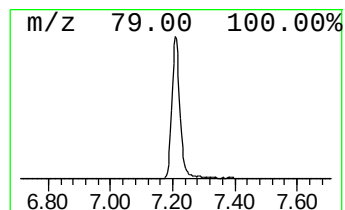
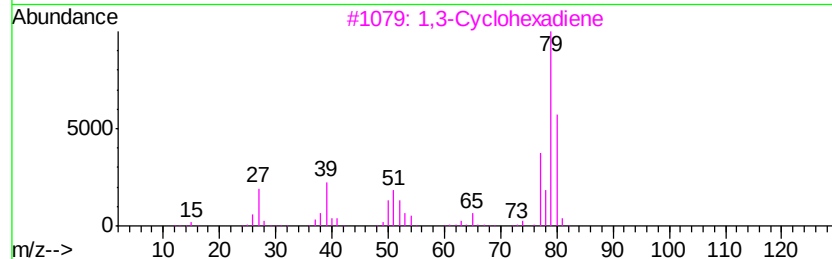
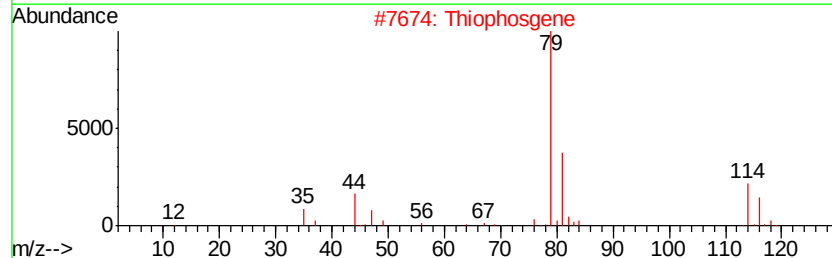
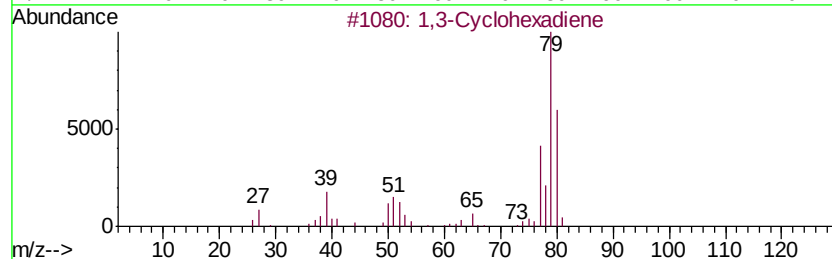
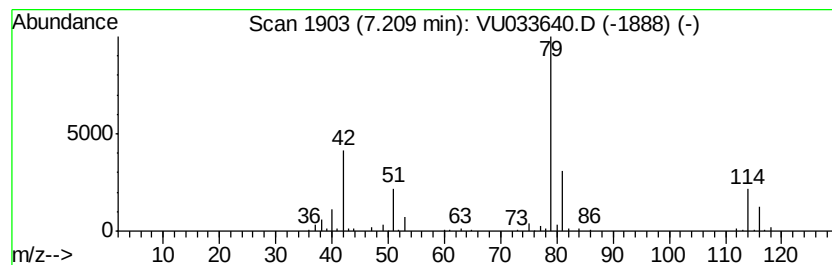
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Quant Title : VOC Analysis

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

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	16.85 ug/L	241146	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,3-Cyclohexadiene	80	C6H8	000592-57-4	37
2		Thiophosgene	114	CCl2S	000463-71-8	37
3		1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
4		1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
5		Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	2.43	4.9	ug/L	70065	1	5.86	715446	50.0
unknown-01	7.21	16.9	ug/L	241146	1	5.86	715446	50.0