

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\
 Data File : VU033666.D
 Acq On : 09 Aug 2019 03:00
 Operator : JC/SP
 Sample : K4161-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOE9

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	22	27	39	rVB2	5706	6095	0.43%	0.056%
2	1.273	49	57	71	rBV	132285	268054	19.12%	2.466%
3	1.392	88	94	105	rBV	222276	219377	15.65%	2.018%
4	1.672	174	181	198	rVB	174766	223353	15.93%	2.054%
5	2.260	353	364	375	rBV	323225	489896	34.94%	4.506%
6	2.370	395	398	400	rVB3	733	426	0.03%	0.004%
7	2.424	405	415	437	rVV	32813	63006	4.49%	0.580%
8	2.682	492	495	497	rVV3	337	247	0.02%	0.002%
9	2.695	497	499	503	rVB3	593	345	0.02%	0.003%
10	2.817	525	537	548	rBV4	5032	11295	0.81%	0.104%
11	3.029	599	603	611	rVB3	417	539	0.04%	0.005%
12	3.064	611	614	618	rVB	246	230	0.02%	0.002%
13	3.087	618	621	622	rBV	304	193	0.01%	0.002%
14	3.100	622	625	628	rVB	283	216	0.02%	0.002%
15	3.225	660	664	668	rBV2	202	224	0.02%	0.002%
16	3.360	700	706	715	rBV2	386	536	0.04%	0.005%
17	3.402	715	719	723	rBV	192	236	0.02%	0.002%
18	3.508	744	752	756	rBV2	430	460	0.03%	0.004%
19	3.534	756	760	762	rBV	356	306	0.02%	0.003%
20	4.055	920	922	927	rVB2	310	235	0.02%	0.002%
21	4.080	927	930	935	rBV	222	209	0.01%	0.002%
22	4.148	939	951	981	rBV2	131331	366002	26.11%	3.366%
23	4.624	1082	1099	1122	rBV	234039	553664	39.49%	5.093%
24	4.862	1166	1173	1184	rVB5	1110	2181	0.16%	0.020%
25	4.965	1200	1205	1209	rBV4	584	611	0.04%	0.006%
26	5.061	1230	1235	1238	rVV2	337	322	0.02%	0.003%
27	5.090	1240	1244	1250	rVV2	176	211	0.02%	0.002%
28	5.141	1254	1260	1263	rBV2	230	218	0.02%	0.002%
29	5.318	1291	1315	1347	rBV2	473937	1401910	100.00%	12.895%
30	5.514	1370	1376	1379	rBV2	673	531	0.04%	0.005%
31	5.659	1419	1421	1428	rVB2	382	259	0.02%	0.002%
32	5.720	1435	1440	1444	rBV3	555	655	0.05%	0.006%
33	5.778	1455	1458	1461	rBV3	410	207	0.01%	0.002%
34	5.810	1465	1468	1472	rBV3	255	197	0.01%	0.002%

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 Title : VOC Analysis

35	5.865	1472	1485	1511	rBV	351945	700103	49.94%	6.440%
36	6.109	1557	1561	1564	rBV3	330	220	0.02%	0.002%
37	6.170	1572	1580	1584	rBV6	887	1036	0.07%	0.010%
38	6.309	1607	1623	1648	rBV	310321	627410	44.75%	5.771%
39	6.566	1698	1703	1707	rBV3	279	312	0.02%	0.003%
40	6.611	1715	1717	1721	rVB2	363	232	0.02%	0.002%
41	6.649	1724	1729	1732	rBV2	192	202	0.01%	0.002%
42	6.691	1737	1742	1745	rBV	174	227	0.02%	0.002%
43	6.797	1772	1775	1779	rVV2	269	191	0.01%	0.002%
44	6.823	1779	1783	1788	rVV2	268	233	0.02%	0.002%
45	7.151	1882	1885	1888	rBV	293	202	0.01%	0.002%
46	7.209	1892	1903	1923	rBV	162505	292712	20.88%	2.692%
47	7.373	1949	1954	1961	rVB4	1127	1337	0.10%	0.012%
48	7.447	1974	1977	1982	rVB2	421	406	0.03%	0.004%
49	7.546	1994	2008	2050	rBV	630547	1113449	79.42%	10.241%
50	7.833	2085	2097	2117	rBV	116454	204215	14.57%	1.878%
51	8.042	2159	2162	2165	rBV2	418	314	0.02%	0.003%
52	8.064	2165	2169	2172	rBV2	298	265	0.02%	0.002%
53	8.106	2179	2182	2187	rBV	185	194	0.01%	0.002%
54	8.161	2189	2199	2208	rVV2	5173	8954	0.64%	0.082%
55	8.202	2211	2212	2215	rBV	458	206	0.01%	0.002%
56	8.292	2229	2240	2287	rBV	420875	797235	56.87%	7.333%
57	8.550	2316	2320	2322	rVB2	360	267	0.02%	0.002%
58	8.617	2336	2341	2345	rBV2	467	321	0.02%	0.003%
59	8.704	2365	2368	2372	rBV2	555	345	0.02%	0.003%
60	8.768	2386	2388	2394	rVB3	310	251	0.02%	0.002%
61	8.826	2401	2406	2412	rVB2	315	406	0.03%	0.004%
62	8.868	2412	2419	2425	rBV2	715	897	0.06%	0.008%
63	9.070	2470	2482	2509	rBV	539821	904935	64.55%	8.324%
64	9.218	2525	2528	2529	rBV2	448	200	0.01%	0.002%
65	9.344	2565	2567	2569	rVV2	473	253	0.02%	0.002%
66	9.366	2572	2574	2582	rVB3	875	877	0.06%	0.008%
67	9.415	2587	2589	2597	rVB2	359	252	0.02%	0.002%
68	9.585	2639	2642	2645	rBV3	242	213	0.02%	0.002%
69	9.659	2662	2665	2667	rBV2	338	209	0.01%	0.002%
70	9.697	2675	2677	2680	rBV	228	201	0.01%	0.002%
71	9.736	2686	2689	2693	rBV	282	224	0.02%	0.002%

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72	9.768	2697	2699	2704	rVB2	265	277	0.02%	0.003%
73	9.826	2714	2717	2722	rVB	274	187	0.01%	0.002%
74	9.919	2743	2746	2750	rBV2	332	237	0.02%	0.002%
75	10.025	2775	2779	2786	rVB2	343	371	0.03%	0.003%
76	10.125	2808	2810	2813	rVB2	392	254	0.02%	0.002%
77	10.154	2816	2819	2825	rBV2	425	419	0.03%	0.004%
78	10.228	2836	2842	2845	rBV3	665	568	0.04%	0.005%
79	10.244	2845	2847	2852	rVB2	510	340	0.02%	0.003%
80	10.414	2887	2900	2922	rBV	477398	761336	54.31%	7.003%
81	10.595	2947	2956	2972	rVB5	4200	7617	0.54%	0.070%
82	10.704	2988	2990	2999	rVB3	329	326	0.02%	0.003%
83	10.752	3001	3005	3008	rBV2	315	306	0.02%	0.003%
84	10.903	3049	3052	3056	rBV2	216	228	0.02%	0.002%
85	10.984	3069	3077	3080	rVV3	369	490	0.03%	0.005%
86	11.029	3087	3091	3095	rVB3	261	234	0.02%	0.002%
87	11.398	3203	3206	3207	rBV	348	207	0.01%	0.002%
88	11.469	3215	3228	3251	rBV	509251	822868	58.70%	7.569%
89	11.845	3331	3345	3373	rBV	609195	998243	71.21%	9.182%
90	12.109	3425	3427	3429	rBV	441	234	0.02%	0.002%
91	12.160	3440	3443	3445	rBV3	391	332	0.02%	0.003%
92	12.884	3665	3668	3674	rVB3	580	662	0.05%	0.006%
93	13.025	3706	3712	3716	rBV4	360	448	0.03%	0.004%
94	13.170	3753	3757	3764	rBV2	500	726	0.05%	0.007%
95	13.456	3844	3846	3851	rBV3	329	285	0.02%	0.003%
96	13.752	3935	3938	3940	rBV2	392	255	0.02%	0.002%
97	13.855	3967	3970	3981	rVB5	540	552	0.04%	0.005%
98	14.385	4131	4135	4137	rBV3	384	388	0.03%	0.004%
99	14.482	4161	4165	4168	rBV2	478	494	0.04%	0.005%
100	15.508	4481	4484	4488	rBV4	1039	1118	0.08%	0.010%

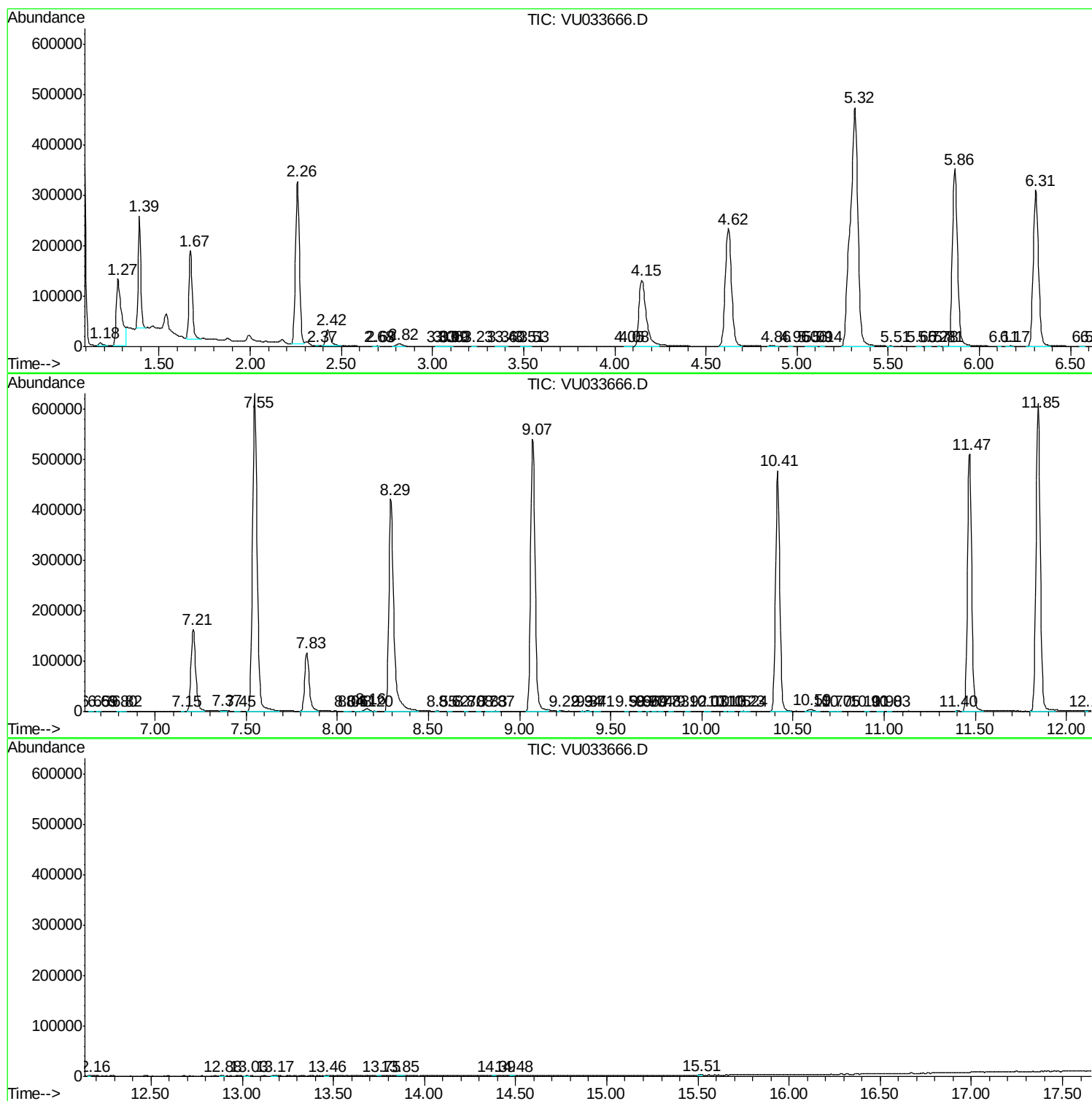
Sum of corrected areas: 10871954

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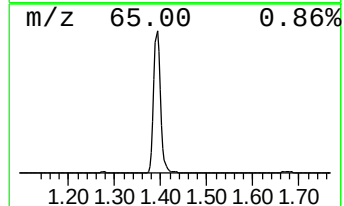
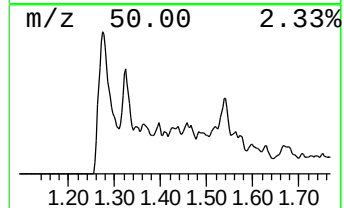
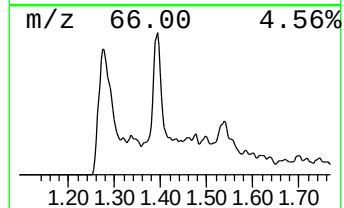
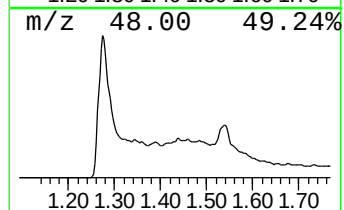
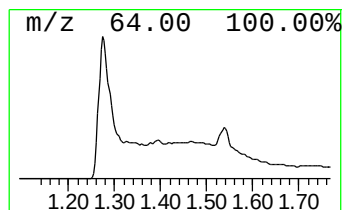
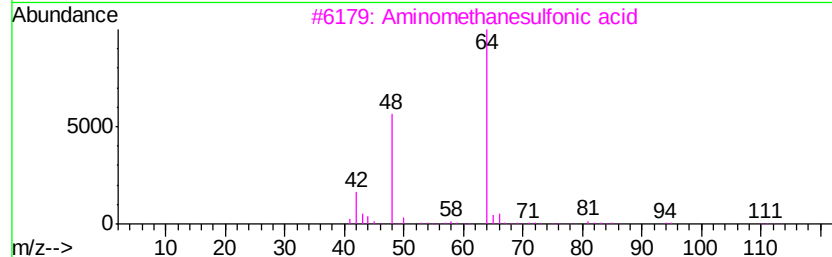
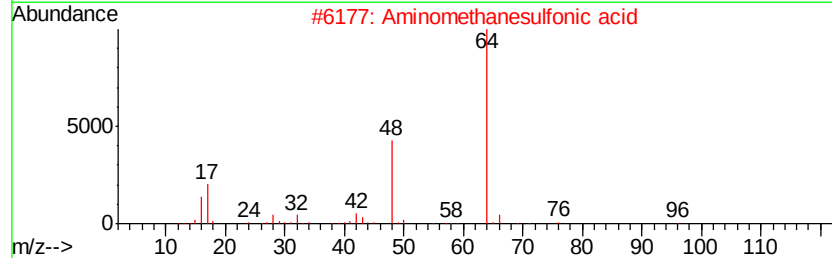
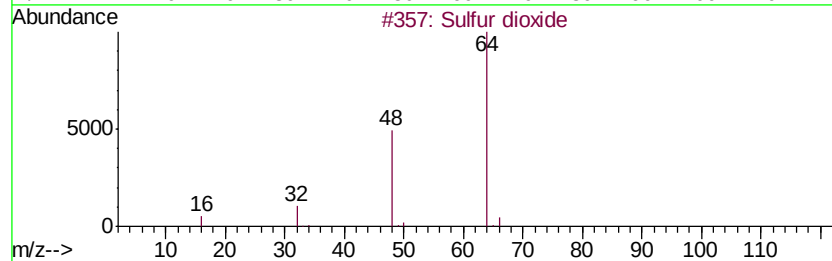
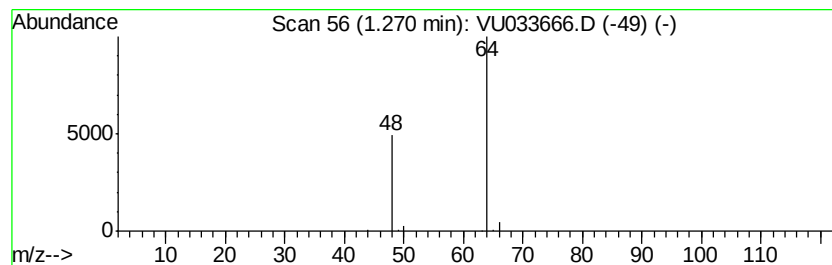
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	19.14 ug/L	268054	1,4-Difluorobenzene	5.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	83
2	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	74
3	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9
4	L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8	9
5	Ethene, 1,1-difluoro-	64 C2H2F2	000075-38-7	4



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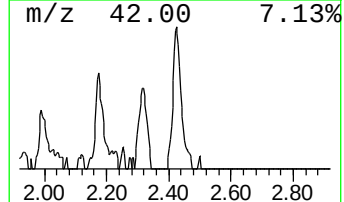
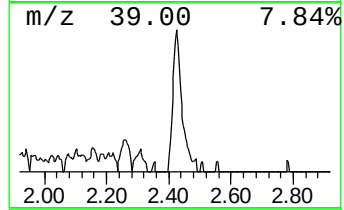
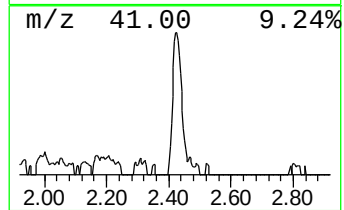
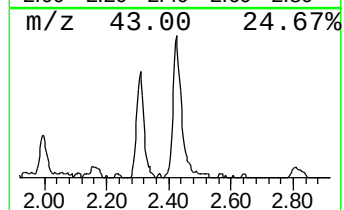
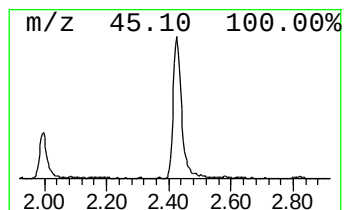
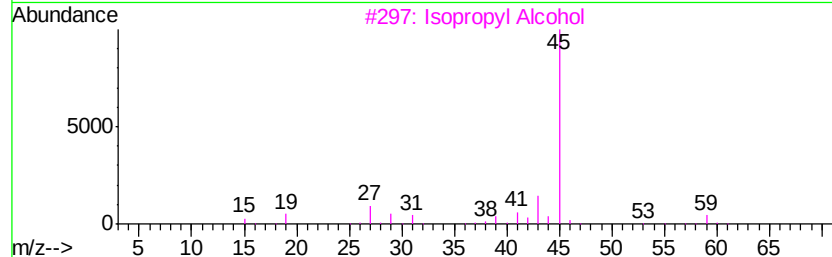
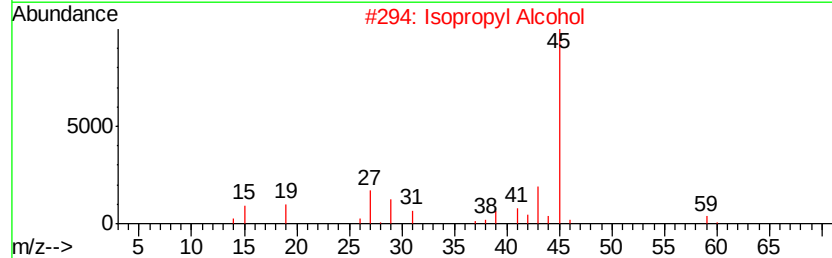
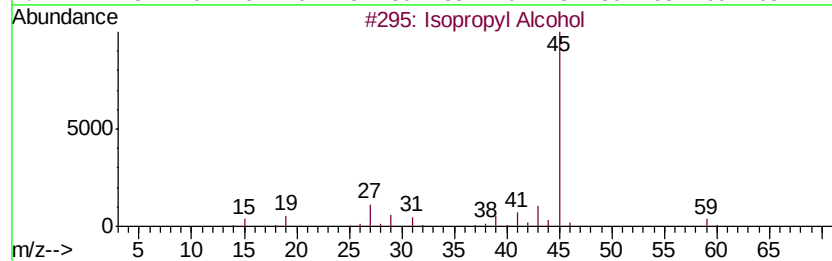
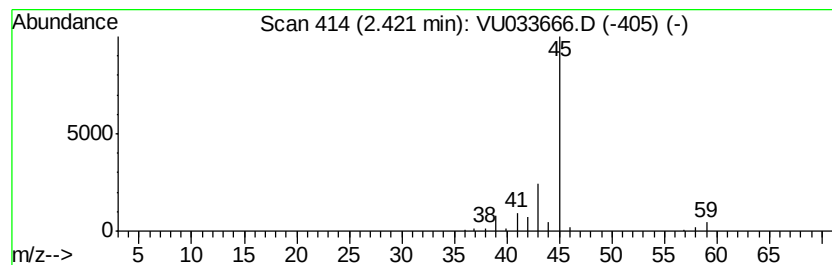
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.42	4.50 ug/L	63006	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	Isopropyl Alcohol		60	C3H8O	000067-63-0	78
5	Hydrazine, ethyl-		60	C2H8N2	000624-80-6	40



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.27	19.1	ug/L	268054	1	5.86	700103	50.0
Isopropyl Alcohol	2.42	4.5	ug/L	63006	1	5.86	700103	50.0