

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\
 Data File : VU033665.D
 Acq On : 09 Aug 2019 02:37
 Operator : JC/SP
 Sample : K4161-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOE8

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	1.180	23	28	40	rBV3	12704	20592	1.42%	0.171%
2	1.325	56	73	88	rBV	214938	886890	61.21%	7.365%
3	1.396	90	95	103	rVB	226799	264099	18.23%	2.193%
4	1.676	176	182	193	rVB	172876	216800	14.96%	1.800%
5	2.261	354	364	377	rBV	332305	500752	34.56%	4.159%
6	2.428	405	416	439	rBV	47214	93793	6.47%	0.779%
7	3.360	702	706	709	rBV2	369	423	0.03%	0.004%
8	3.441	730	731	737	rVB2	339	255	0.02%	0.002%
9	3.505	744	751	755	rBV2	267	363	0.03%	0.003%
10	3.569	765	771	775	rBV2	282	266	0.02%	0.002%
11	3.852	853	859	862	rBV2	591	643	0.04%	0.005%
12	3.865	862	863	870	rVB	491	376	0.03%	0.003%
13	4.042	913	918	926	rVB3	374	423	0.03%	0.004%
14	4.151	939	952	985	rBV	139962	391485	27.02%	3.251%
15	4.624	1082	1099	1124	rVV	241927	578160	39.91%	4.801%
16	4.820	1158	1160	1166	rBV4	452	358	0.02%	0.003%
17	4.852	1167	1170	1173	rBV2	544	459	0.03%	0.004%
18	4.933	1190	1195	1196	rBV	337	258	0.02%	0.002%
19	4.971	1205	1207	1210	rVV3	667	450	0.03%	0.004%
20	5.093	1242	1245	1251	rVB2	461	442	0.03%	0.004%
21	5.319	1292	1315	1347	rBV2	488904	1448825	100.00%	12.032%
22	5.608	1403	1405	1409	rVB3	570	302	0.02%	0.003%
23	5.695	1429	1432	1437	rVB2	389	299	0.02%	0.002%
24	5.720	1437	1440	1444	rBV3	331	364	0.03%	0.003%
25	5.765	1450	1454	1456	rBV	332	259	0.02%	0.002%
26	5.782	1456	1459	1465	rVB2	688	590	0.04%	0.005%
27	5.865	1472	1485	1509	rBV	370776	730283	50.41%	6.065%
28	6.016	1530	1532	1536	rVB2	493	395	0.03%	0.003%
29	6.177	1579	1582	1585	rVB3	899	601	0.04%	0.005%
30	6.312	1608	1624	1650	rBV	320458	649513	44.83%	5.394%
31	6.598	1709	1713	1714	rBV2	464	266	0.02%	0.002%
32	6.817	1777	1781	1784	rVB	331	275	0.02%	0.002%
33	7.035	1842	1849	1852	rVB2	506	565	0.04%	0.005%
34	7.103	1868	1870	1875	rVB2	319	262	0.02%	0.002%

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35	7.209	1888	1903	1920	rBV	168738	309407	21.36%	2.569%
36	7.376	1951	1955	1959	rVV4	1266	1244	0.09%	0.010%
37	7.408	1964	1965	1968	rVB2	563	280	0.02%	0.002%
38	7.473	1983	1985	1990	rVB2	583	392	0.03%	0.003%
39	7.547	1994	2008	2026	rBV	656061	1142488	78.86%	9.488%
40	7.833	2082	2097	2117	rBV	121218	211283	14.58%	1.755%
41	8.013	2151	2153	2157	rVB2	464	250	0.02%	0.002%
42	8.087	2171	2176	2182	rVB3	514	542	0.04%	0.005%
43	8.161	2187	2199	2207	rBV3	3374	6022	0.42%	0.050%
44	8.212	2213	2215	2218	rVB2	635	306	0.02%	0.003%
45	8.293	2228	2240	2286	rBV	450858	846389	58.42%	7.029%
46	8.605	2334	2337	2340	rVB4	449	284	0.02%	0.002%
47	8.621	2340	2342	2346	rVB	342	258	0.02%	0.002%
48	8.669	2353	2357	2362	rVB4	438	424	0.03%	0.004%
49	8.704	2362	2368	2369	rBV2	551	387	0.03%	0.003%
50	8.746	2375	2381	2383	rVB4	485	460	0.03%	0.004%
51	8.788	2390	2394	2398	rBV2	256	266	0.02%	0.002%
52	8.846	2409	2412	2417	rVB4	438	445	0.03%	0.004%
53	8.952	2439	2445	2448	rBV3	385	375	0.03%	0.003%
54	9.071	2470	2482	2517	rBV	566771	951049	65.64%	7.898%
55	9.238	2528	2534	2540	rBV3	827	1136	0.08%	0.009%
56	9.360	2565	2572	2577	rVV3	882	1126	0.08%	0.009%
57	9.723	2682	2685	2692	rVB3	597	641	0.04%	0.005%
58	9.778	2692	2702	2713	rBV4	959	1890	0.13%	0.016%
59	9.961	2754	2759	2760	rBV2	386	295	0.02%	0.002%
60	9.974	2760	2763	2768	rVB2	624	521	0.04%	0.004%
61	10.013	2768	2775	2778	rBV3	438	528	0.04%	0.004%
62	10.090	2797	2799	2802	rVB3	409	250	0.02%	0.002%
63	10.222	2834	2840	2843	rBV2	276	352	0.02%	0.003%
64	10.315	2863	2869	2876	rVV3	612	773	0.05%	0.006%
65	10.357	2876	2882	2886	rVB3	528	573	0.04%	0.005%
66	10.415	2886	2900	2923	rBV	495559	797271	55.03%	6.621%
67	10.531	2933	2936	2939	rBV3	513	368	0.03%	0.003%
68	10.559	2939	2945	2947	rVV3	345	282	0.02%	0.002%
69	10.595	2947	2956	2969	rVB9	2378	4692	0.32%	0.039%
70	10.749	3001	3004	3005	rBV	678	396	0.03%	0.003%
71	10.762	3005	3008	3013	rVB2	720	637	0.04%	0.005%

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 Title : VOC Analysis

72	10.788	3013	3016	3018	rBV	474	323	0.02%	0.003%
73	10.823	3024	3027	3031	rBV3	798	489	0.03%	0.004%
74	10.868	3038	3041	3045	rBV	424	319	0.02%	0.003%
75	11.051	3095	3098	3101	rBV2	552	425	0.03%	0.004%
76	11.077	3101	3106	3110	rVB4	1006	1017	0.07%	0.008%
77	11.135	3118	3124	3126	rBV3	931	929	0.06%	0.008%
78	11.276	3165	3168	3170	rBV2	456	264	0.02%	0.002%
79	11.309	3172	3178	3180	rBV3	1550	1631	0.11%	0.014%
80	11.389	3198	3203	3205	rBV3	669	597	0.04%	0.005%
81	11.408	3205	3209	3215	rVB5	1525	1732	0.12%	0.014%
82	11.466	3215	3227	3251	rBV	560548	895637	61.82%	7.438%
83	11.691	3294	3297	3298	rBV2	406	248	0.02%	0.002%
84	11.739	3309	3312	3315	rBV4	472	383	0.03%	0.003%
85	11.842	3329	3344	3380	rVV	640981	1048626	72.38%	8.708%
86	12.222	3459	3462	3463	rBV	417	249	0.02%	0.002%
87	12.264	3472	3475	3478	rVV2	536	311	0.02%	0.003%
88	12.283	3478	3481	3487	rVB4	689	562	0.04%	0.005%
89	12.341	3496	3499	3501	rBV2	454	293	0.02%	0.002%
90	12.424	3520	3525	3527	rBV2	445	406	0.03%	0.003%
91	12.482	3536	3543	3548	rVB6	1101	1615	0.11%	0.013%
92	12.521	3548	3555	3557	rBV3	444	477	0.03%	0.004%
93	12.601	3576	3580	3584	rBV3	1399	1161	0.08%	0.010%
94	12.977	3695	3697	3701	rVB2	483	288	0.02%	0.002%
95	13.180	3753	3760	3762	rBV6	1901	2025	0.14%	0.017%
96	13.386	3817	3824	3838	rBV7	3389	5367	0.37%	0.045%
97	13.939	3993	3996	3999	rBV3	343	290	0.02%	0.002%
98	14.051	4028	4031	4034	rBV2	666	570	0.04%	0.005%
99	14.566	4187	4191	4195	rVB4	556	414	0.03%	0.003%
100	15.087	4349	4353	4355	rBV2	724	552	0.04%	0.005%

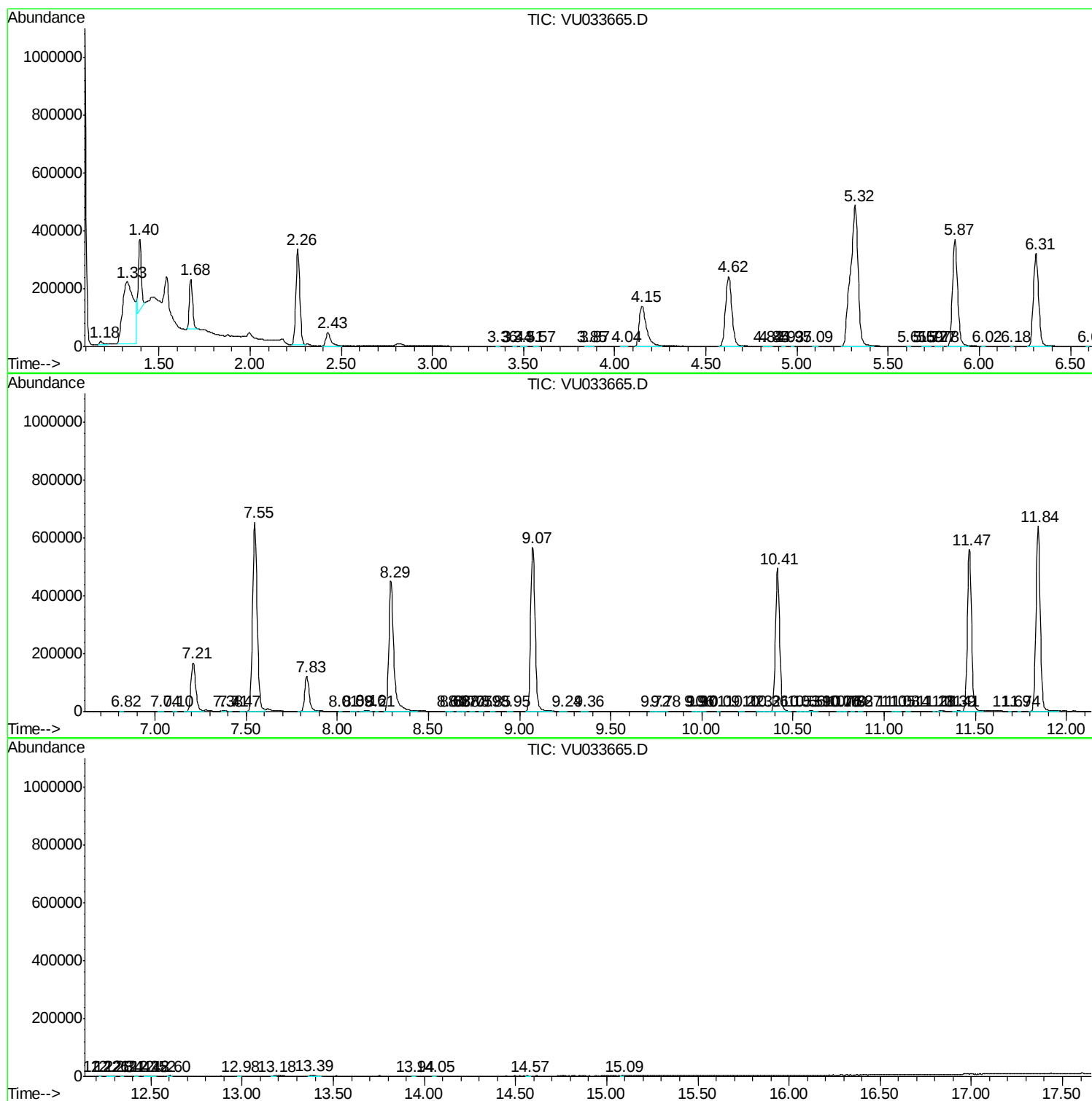
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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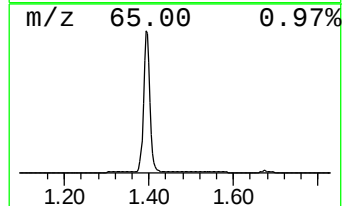
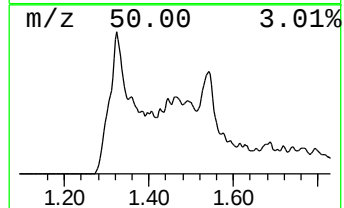
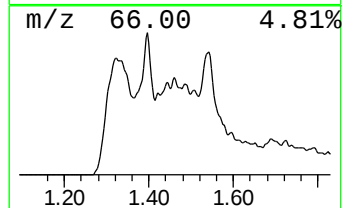
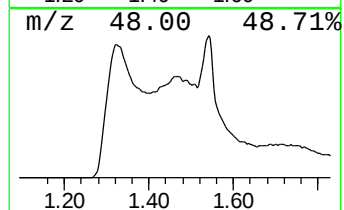
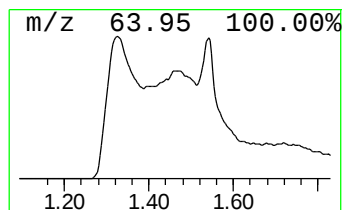
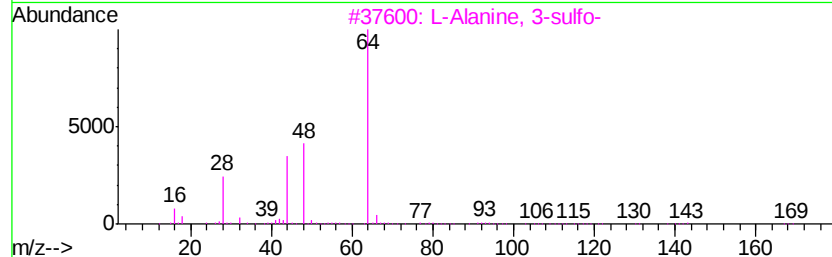
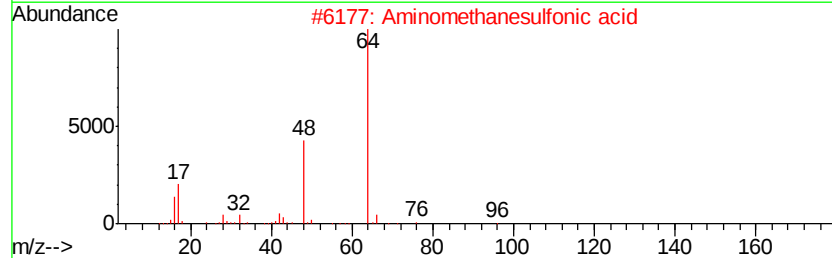
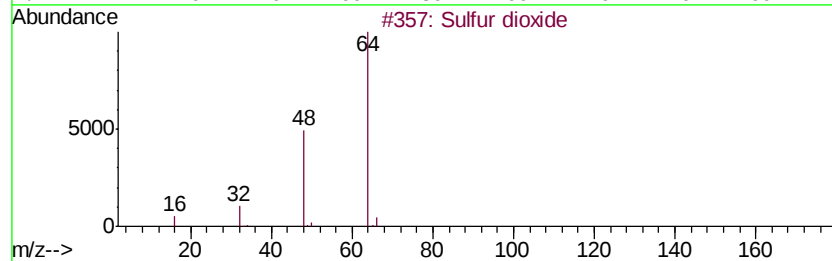
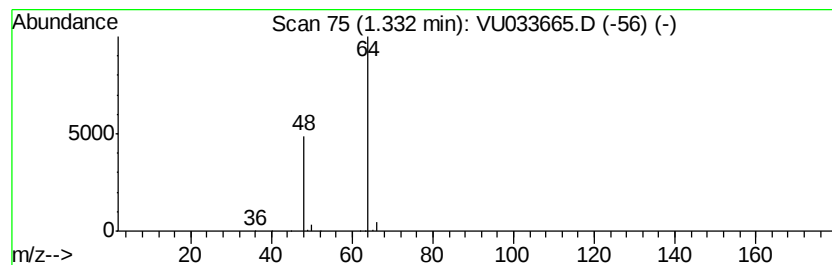
Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.33	60.72 ug/L	886890	1,4-Difluorobenzene	5.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfur dioxide	64 O2S	007446-09-5 83
2		Aminomethanesulfonic acid	111 CH5N03S	013881-91-9 74
3		L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8 9
4		Aminomethanesulfonic acid	111 CH5N03S	013881-91-9 9
5		Aminomethanesulfonic acid	111 CH5N03S	013881-91-9 9



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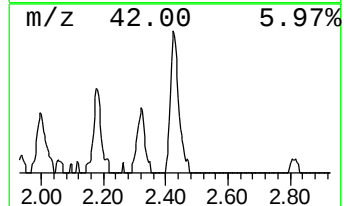
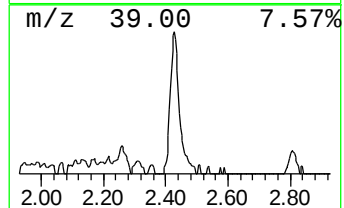
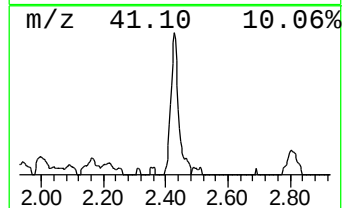
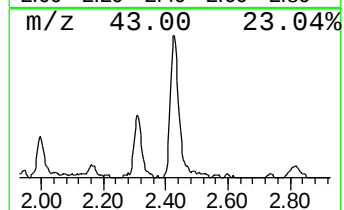
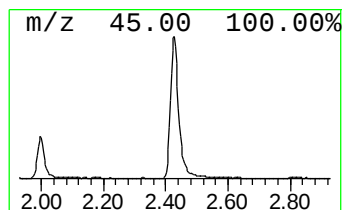
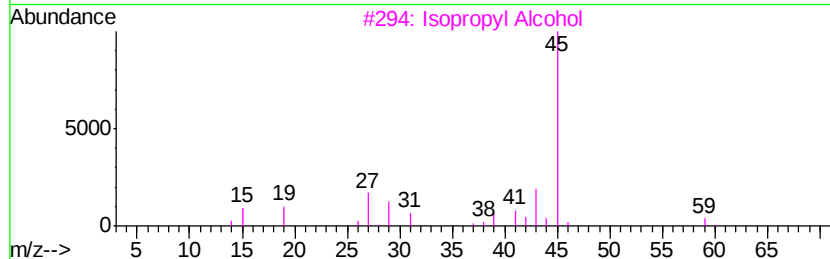
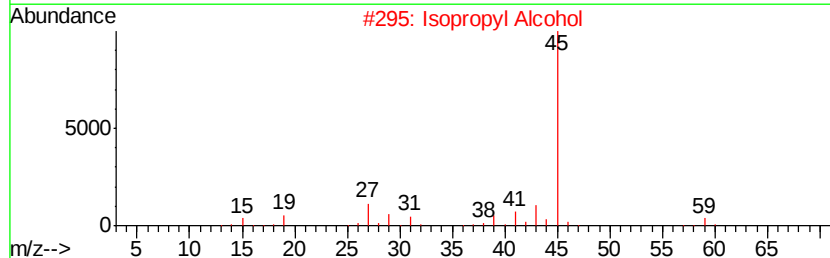
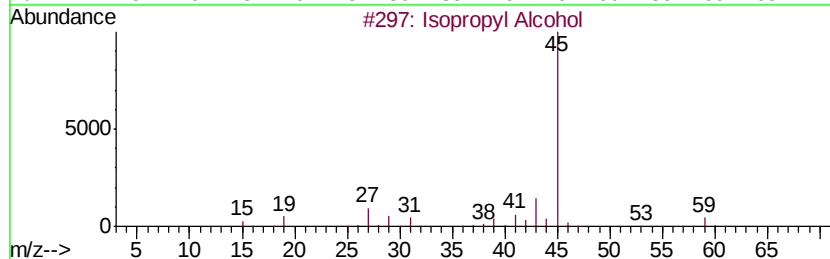
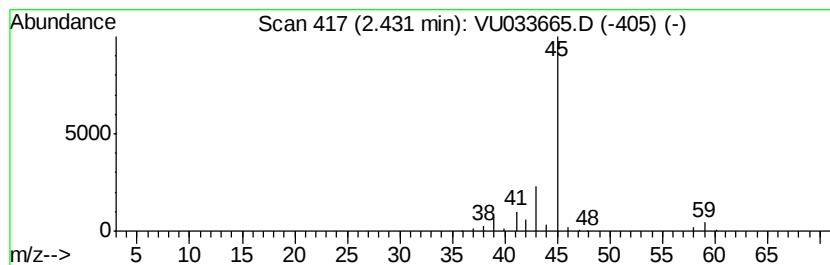
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	6.42 ug/L	93793	1,4-Difluorobenzene	5.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	80
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	72
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	72
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	1.33	60.7	ug/L	886890	1	5.87	730283	50.0
Isopropyl Alcohol	2.43	6.4	ug/L	93793	1	5.87	730283	50.0