

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
 Data File : VU034707.D
 Acq On : 20 Sep 2019 22:47
 Operator : JC/SP
 Sample : K4993-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOH6

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\SOMULM091919WMA.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	24	27	32	rBV2	6901	4864	0.23%	0.030%
2	1.280	51	59	75	rBV2	46838	125012	5.92%	0.765%
3	1.392	88	94	105	rBV	283984	322057	15.25%	1.972%
4	1.669	174	180	196	rVB	233353	312024	14.78%	1.910%
5	2.257	354	363	376	rVB	423829	656108	31.07%	4.017%
6	2.428	408	416	432	rBV	62760	107140	5.07%	0.656%
7	2.817	532	537	547	rVB5	6607	12073	0.57%	0.074%
8	2.897	560	562	565	rBV3	1390	977	0.05%	0.006%
9	2.958	577	581	583	rBV4	1599	1096	0.05%	0.007%
10	3.164	637	645	647	rBV6	3759	4399	0.21%	0.027%
11	3.379	707	712	715	rBV5	1838	1648	0.08%	0.010%
12	3.505	746	751	753	rVB5	1385	1257	0.06%	0.008%
13	3.643	789	794	800	rVB7	1081	1565	0.07%	0.010%
14	3.685	805	807	812	rBV4	1053	916	0.04%	0.006%
15	3.720	815	818	824	rVV6	993	1090	0.05%	0.007%
16	3.797	839	842	848	rBV6	1227	1196	0.06%	0.007%
17	4.064	922	925	930	rVB4	2078	1407	0.07%	0.009%
18	4.087	930	932	938	rBV5	1601	1459	0.07%	0.009%
19	4.151	938	952	984	rBV	207642	584542	27.68%	3.579%
20	4.620	1079	1098	1119	rBV	339642	816702	38.68%	5.000%
21	4.935	1193	1196	1199	rBV5	1759	1452	0.07%	0.009%
22	5.170	1267	1269	1273	rVB4	1499	1260	0.06%	0.008%
23	5.196	1273	1277	1280	rBV5	2065	1351	0.06%	0.008%
24	5.315	1290	1314	1349	rBV3	700112	2111646	100.00%	12.928%
25	5.739	1444	1446	1450	rVB3	1566	936	0.04%	0.006%
26	5.765	1450	1454	1455	rBV3	1718	1376	0.07%	0.008%
27	5.861	1471	1484	1507	rBV2	584937	1183268	56.04%	7.244%
28	5.987	1521	1523	1526	rBV4	1633	933	0.04%	0.006%
29	6.308	1609	1623	1640	rBV	485545	979387	46.38%	5.996%
30	6.627	1720	1722	1725	rVB3	1786	974	0.05%	0.006%
31	6.714	1744	1749	1751	rVV4	1649	1241	0.06%	0.008%
32	6.787	1766	1772	1773	rBV3	1931	1527	0.07%	0.009%
33	6.845	1788	1790	1794	rVB4	1431	993	0.05%	0.006%
34	7.035	1844	1849	1851	rBV4	1665	1344	0.06%	0.008%

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 Title : VOC Analysis

35	7.064	1855	1858	1863	rVB4	2021	1472	0.07%	0.009%
36	7.096	1863	1868	1869	rBV5	2124	1444	0.07%	0.009%
37	7.132	1874	1879	1880	rBV3	1867	1404	0.07%	0.009%
38	7.205	1889	1902	1925	rBV	273886	517142	24.49%	3.166%
39	7.366	1949	1952	1953	rBV2	2589	1601	0.08%	0.010%
40	7.443	1974	1976	1979	rBV3	1686	923	0.04%	0.006%
41	7.543	1994	2007	2028	rBV	905688	1635997	77.47%	10.016%
42	7.829	2085	2096	2123	rBV	187179	348656	16.51%	2.135%
43	8.112	2181	2184	2186	rBV4	2020	1208	0.06%	0.007%
44	8.151	2193	2196	2198	rBV3	2567	1711	0.08%	0.010%
45	8.212	2207	2215	2225	rVB3	7491	12694	0.60%	0.078%
46	8.289	2225	2239	2273	rBV	647481	1277805	60.51%	7.823%
47	8.636	2344	2347	2352	rVV6	1599	1496	0.07%	0.009%
48	8.736	2376	2378	2382	rVB4	1280	931	0.04%	0.006%
49	8.836	2407	2409	2415	rVB7	1387	1101	0.05%	0.007%
50	8.871	2417	2420	2424	rBV6	1079	908	0.04%	0.006%
51	9.067	2468	2481	2503	rBV	880658	1495192	70.81%	9.154%
52	9.273	2542	2545	2550	rVB6	1342	898	0.04%	0.005%
53	9.334	2562	2564	2566	rBV3	2330	1430	0.07%	0.009%
54	9.569	2631	2637	2640	rVB6	1315	1438	0.07%	0.009%
55	9.803	2707	2710	2714	rVB5	1425	1079	0.05%	0.007%
56	9.887	2730	2736	2741	rBV5	1053	1185	0.06%	0.007%
57	9.935	2747	2751	2752	rBV3	1193	948	0.04%	0.006%
58	10.029	2775	2780	2781	rBV3	1499	1124	0.05%	0.007%
59	10.112	2802	2806	2810	rVB5	1566	1095	0.05%	0.007%
60	10.138	2810	2814	2818	rBV5	1034	1224	0.06%	0.007%
61	10.247	2846	2848	2852	rBV4	1334	1030	0.05%	0.006%
62	10.295	2860	2863	2866	rBV3	1395	1069	0.05%	0.007%
63	10.363	2879	2884	2886	rBV6	1539	1738	0.08%	0.011%
64	10.408	2886	2898	2916	rVV	611279	1012299	47.94%	6.198%
65	10.511	2927	2930	2938	rVV8	1291	1212	0.06%	0.007%
66	10.543	2938	2940	2944	rVB4	1853	1240	0.06%	0.008%
67	10.588	2949	2954	2960	rVB8	3053	3265	0.15%	0.020%
68	10.746	3000	3003	3005	rBV3	1464	978	0.05%	0.006%
69	10.762	3005	3008	3012	rVV4	1337	1036	0.05%	0.006%
70	10.958	3063	3069	3074	rBV8	1584	2262	0.11%	0.014%
71	11.054	3097	3099	3103	rVV4	1244	1010	0.05%	0.006%

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72	11.086	3106	3109	3113	rVB5	1229	979	0.05%	0.006%
73	11.138	3123	3125	3129	rVV5	2660	2087	0.10%	0.013%
74	11.199	3140	3144	3147	rBV4	1995	1506	0.07%	0.009%
75	11.305	3173	3177	3181	rBV4	1491	895	0.04%	0.005%
76	11.373	3191	3198	3200	rBV6	1348	1581	0.07%	0.010%
77	11.459	3211	3225	3243	rBV	803023	1342843	63.59%	8.221%
78	11.784	3323	3326	3330	rBV3	1459	944	0.04%	0.006%
79	11.836	3330	3342	3365	rBV	795819	1369323	64.85%	8.384%
80	12.147	3436	3439	3442	rBV4	1760	1200	0.06%	0.007%
81	12.604	3579	3581	3586	rBV5	1098	1151	0.05%	0.007%
82	12.700	3609	3611	3617	rVB4	1625	1496	0.07%	0.009%
83	12.733	3618	3621	3624	rVV4	1479	906	0.04%	0.006%
84	12.758	3627	3629	3634	rVB4	2075	1421	0.07%	0.009%
85	12.858	3658	3660	3662	rVV2	1581	888	0.04%	0.005%
86	12.877	3664	3666	3669	rVV5	2082	904	0.04%	0.006%
87	12.935	3680	3684	3686	rBV5	1572	1439	0.07%	0.009%
88	13.138	3744	3747	3751	rBV5	1273	1018	0.05%	0.006%
89	13.186	3759	3762	3764	rBV4	1521	887	0.04%	0.005%
90	13.237	3775	3778	3784	rVB7	2328	2099	0.10%	0.013%
91	13.273	3784	3789	3794	rBV8	1999	3067	0.15%	0.019%
92	13.337	3807	3809	3814	rVB6	1741	1001	0.05%	0.006%
93	13.466	3846	3849	3852	rBV4	1921	1071	0.05%	0.007%
94	13.893	3979	3982	3985	rBV4	1419	1137	0.05%	0.007%
95	14.392	4134	4137	4141	rVB4	1594	1182	0.06%	0.007%
96	14.617	4203	4207	4210	rBV3	1602	1662	0.08%	0.010%
97	14.890	4289	4292	4293	rBV2	2195	1135	0.05%	0.007%
98	15.012	4327	4330	4335	rBV7	2308	2414	0.11%	0.015%
99	15.379	4442	4444	4446	rBV2	1936	947	0.04%	0.006%
100	15.478	4472	4475	4478	rBV5	2817	1886	0.09%	0.012%

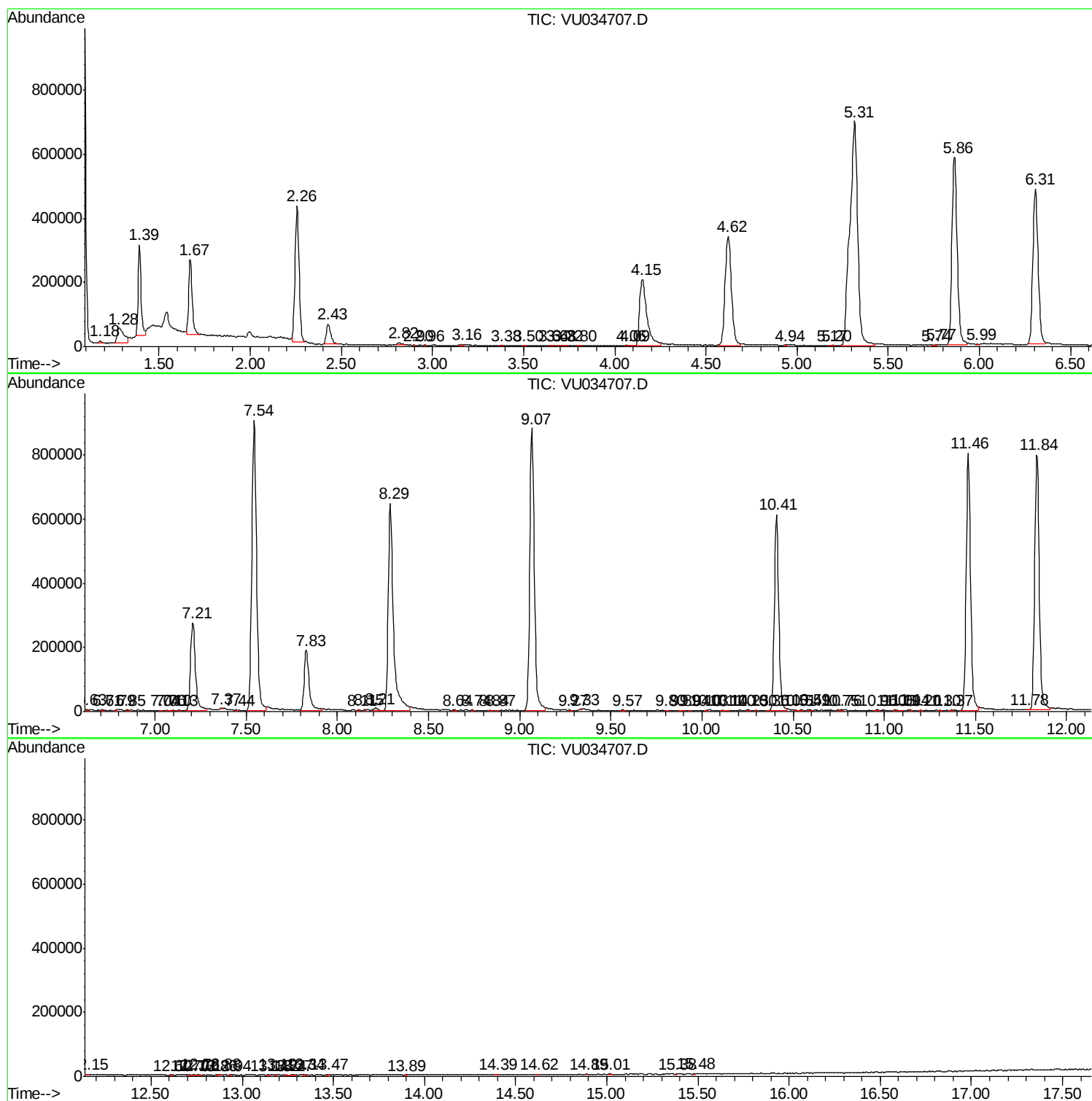
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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



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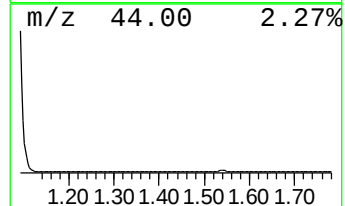
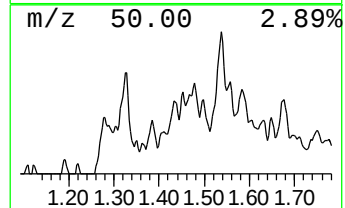
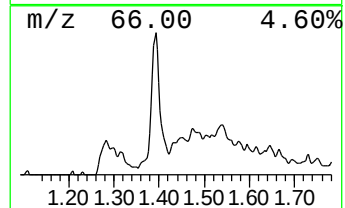
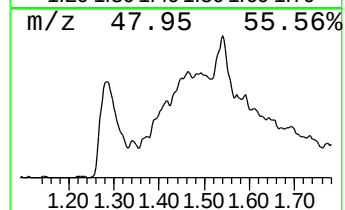
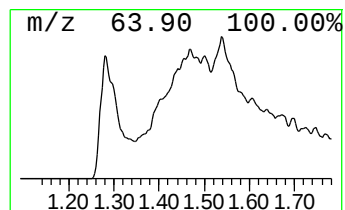
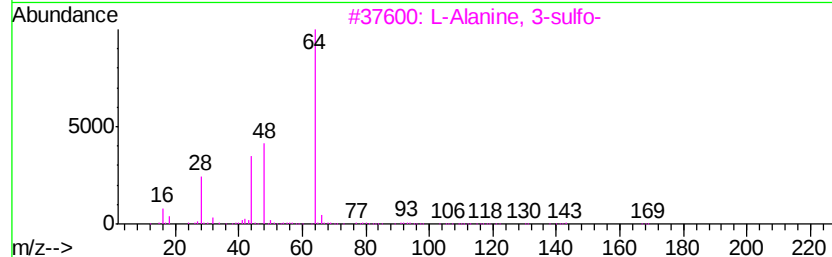
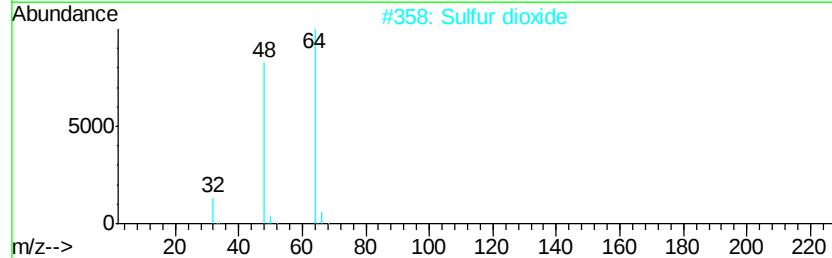
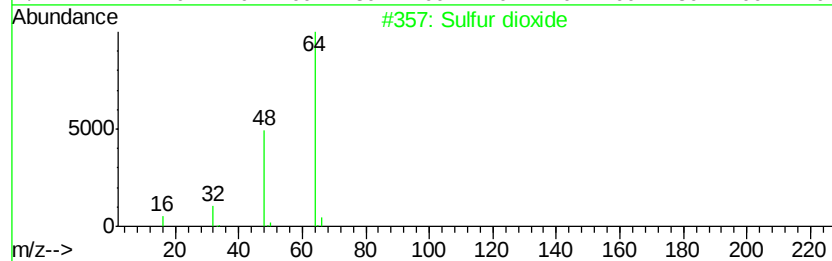
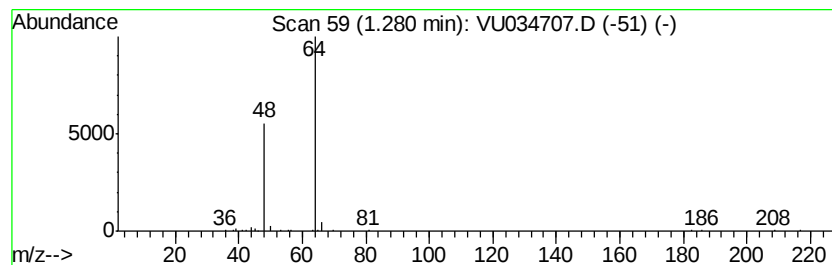
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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.
1.28	5.28 ug/L	125012	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	90
2		Sulfur dioxide	64	O2S	007446-09-5	74
3		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5		2-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1000256-39-2	9



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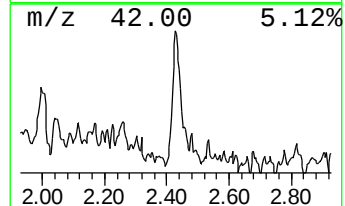
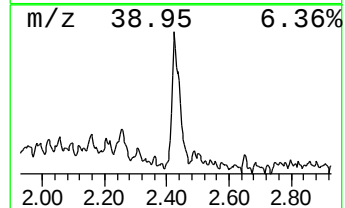
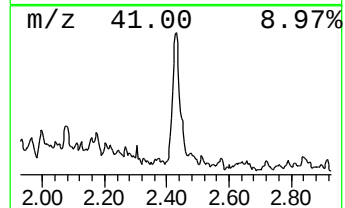
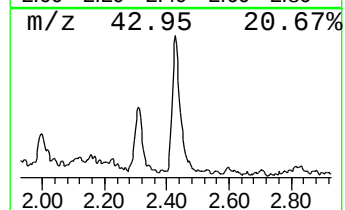
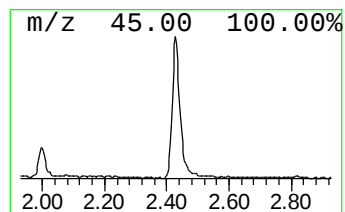
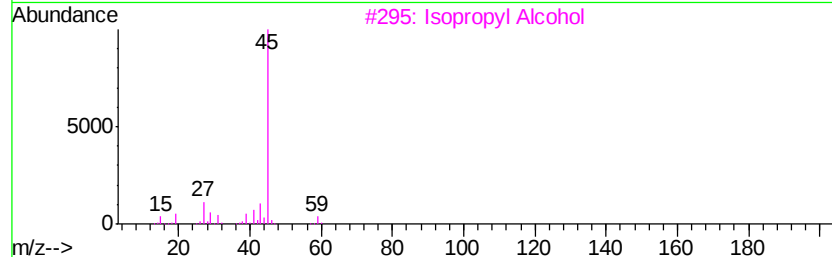
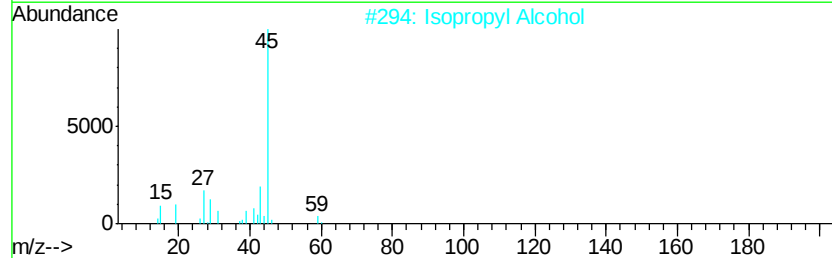
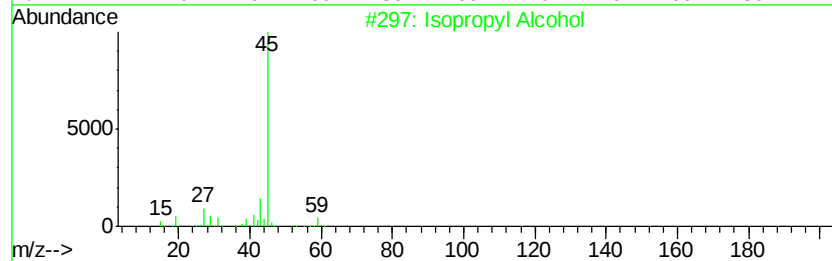
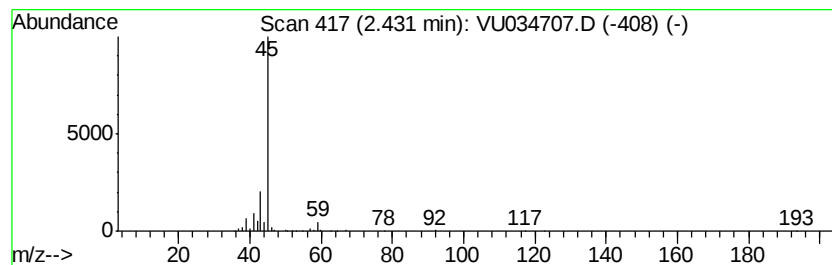
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	4.53 ug/L	107140	1,4-Difluorobenzene	5.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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	78
4		Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5		(S)-(+)-2-Pentanol	88	C5H12O	026184-62-3	39



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.28	5.3	ug/L	125012	1	5.86	1183270	50.0
Isopropyl Alcohol	2.43	4.5	ug/L	107140	1	5.86	1183270	50.0