

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032319\
 Data File : VU030348.D
 Acq On : 23 Mar 2019 18:27
 Operator : JC/SP
 Sample : K2062-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A1

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\SOMULM032319WMA.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	1.183	24	29	45	rVB	59300	58831	3.48%	0.404%
2	1.399	88	96	104	rBV	257300	274722	16.27%	1.886%
3	1.473	115	119	125	rVB	15837	15399	0.91%	0.106%
4	1.678	176	183	198	rVB	177847	221397	13.11%	1.520%
5	2.093	307	312	324	rVB	16633	22484	1.33%	0.154%
6	2.273	357	368	380	rBV	371304	605254	35.84%	4.155%
7	2.444	412	421	443	rVB	44012	81259	4.81%	0.558%
8	2.942	572	576	579	rVV2	1331	1232	0.07%	0.008%
9	2.984	580	589	602	rVV3	12731	25524	1.51%	0.175%
10	3.164	641	645	648	rBV2	1898	1630	0.10%	0.011%
11	3.264	667	676	678	rBV	1721	2627	0.16%	0.018%
12	3.399	713	718	724	rBV	1601	1928	0.11%	0.013%
13	3.460	734	737	741	rBV	1579	1433	0.08%	0.010%
14	3.537	752	761	764	rBV	1991	3162	0.19%	0.022%
15	3.556	765	767	772	rVB2	1139	823	0.05%	0.006%
16	3.611	782	784	790	rBV2	1410	1242	0.07%	0.009%
17	3.662	796	800	802	rBV	1477	1183	0.07%	0.008%
18	3.694	807	810	813	rBV	1168	918	0.05%	0.006%
19	3.932	880	884	889	rBV	1458	1482	0.09%	0.010%
20	3.997	901	904	905	rBV	1607	881	0.05%	0.006%
21	4.083	928	931	933	rBV2	958	765	0.05%	0.005%
22	4.180	947	961	962	rBV	178384	278009	16.46%	1.908%
23	4.537	1065	1072	1078	rBV2	1689	2568	0.15%	0.018%
24	4.646	1090	1106	1135	rBV	253721	621329	36.79%	4.265%
25	4.868	1170	1175	1178	rBV	1784	1704	0.10%	0.012%
26	4.932	1189	1195	1196	rBV	1176	1089	0.06%	0.007%
27	4.977	1205	1209	1216	rVB	1386	1588	0.09%	0.011%
28	5.038	1225	1228	1233	rBV	1005	829	0.05%	0.006%
29	5.061	1233	1235	1240	rVB	1334	962	0.06%	0.007%
30	5.087	1240	1243	1244	rBV	1421	821	0.05%	0.006%
31	5.164	1264	1267	1272	rVB2	1285	1077	0.06%	0.007%
32	5.202	1272	1279	1283	rBV	2161	3144	0.19%	0.022%
33	5.337	1299	1321	1363	rBV2	546596	1645401	97.43%	11.295%
34	5.537	1379	1383	1387	rVB2	1081	922	0.05%	0.006%

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 Title : VOC Analysis

35	5.762	1450	1453	1457	rBV	1487	1208	0.07%	0.008%
36	5.813	1464	1469	1473	rBV2	1254	1071	0.06%	0.007%
37	5.884	1477	1491	1523	rBV	488844	1000144	59.22%	6.866%
38	6.048	1539	1542	1545	rBV	1759	1148	0.07%	0.008%
39	6.183	1570	1584	1615	rBV	860117	1688820	100.00%	11.593%
40	6.328	1616	1629	1651	rVV	367104	735297	43.54%	5.047%
41	6.675	1733	1737	1739	rBV	1543	1149	0.07%	0.008%
42	6.781	1765	1770	1773	rBV2	1261	1096	0.06%	0.008%
43	6.813	1777	1780	1784	rVV	1194	970	0.06%	0.007%
44	6.836	1784	1787	1790	rVB	1590	989	0.06%	0.007%
45	6.964	1824	1827	1832	rVV	1442	1377	0.08%	0.009%
46	6.987	1832	1834	1838	rVV	1036	753	0.04%	0.005%
47	7.080	1856	1863	1867	rBV	1550	1844	0.11%	0.013%
48	7.103	1867	1870	1875	rVB	857	821	0.05%	0.006%
49	7.128	1875	1878	1883	rVB	1447	1100	0.07%	0.008%
50	7.157	1883	1887	1890	rBV	1554	1342	0.08%	0.009%
51	7.225	1896	1908	1930	rBV	204140	381250	22.57%	2.617%
52	7.392	1954	1960	1962	rBV3	1642	1495	0.09%	0.010%
53	7.456	1977	1980	1982	rBV	1200	879	0.05%	0.006%
54	7.562	2000	2013	2036	rBV	709682	1278756	75.72%	8.778%
55	7.784	2077	2082	2087	rVB	1880	2616	0.15%	0.018%
56	7.849	2091	2102	2122	rBV2	142478	253495	15.01%	1.740%
57	7.987	2142	2145	2149	rVB	2016	1471	0.09%	0.010%
58	8.009	2149	2152	2157	rBV	1199	971	0.06%	0.007%
59	8.115	2181	2185	2187	rBV	1291	1117	0.07%	0.008%
60	8.173	2197	2203	2210	rVV3	4105	6151	0.36%	0.042%
61	8.225	2212	2219	2233	rVB4	18952	33564	1.99%	0.230%
62	8.308	2233	2245	2282	rBV	538922	1027225	60.83%	7.051%
63	8.575	2326	2328	2333	rVB	1953	1306	0.08%	0.009%
64	8.707	2367	2369	2376	rVB	1517	1496	0.09%	0.010%
65	8.942	2439	2442	2450	rVB	1190	1321	0.08%	0.009%
66	9.086	2470	2487	2512	rBV	729867	1233502	73.04%	8.467%
67	9.305	2552	2555	2560	rBV	1735	1132	0.07%	0.008%
68	9.485	2608	2611	2615	rBV	1714	1381	0.08%	0.009%
69	9.707	2678	2680	2683	rBV2	1393	899	0.05%	0.006%
70	9.987	2763	2767	2774	rBV	1826	3005	0.18%	0.021%
71	10.154	2815	2819	2824	rBV2	2031	2304	0.14%	0.016%

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 Title : VOC Analysis

72	10.215	2835	2838	2846	rBV	1486	1226	0.07%	0.008%
73	10.430	2891	2905	2931	rBV	489581	808124	47.85%	5.547%
74	10.527	2931	2935	2936	rBV2	1897	1274	0.08%	0.009%
75	10.607	2954	2960	2966	rVB4	5085	6716	0.40%	0.046%
76	10.655	2971	2975	2980	rBV	2369	2193	0.13%	0.015%
77	10.819	3023	3026	3033	rBV	1952	1860	0.11%	0.013%
78	11.099	3110	3113	3116	rBV	1436	1134	0.07%	0.008%
79	11.225	3148	3152	3155	rBV	1879	1488	0.09%	0.010%
80	11.295	3171	3174	3181	rVB	2254	2005	0.12%	0.014%
81	11.482	3220	3232	3254	rBV	676444	1093586	64.75%	7.507%
82	11.858	3337	3349	3372	rBV	640770	1063088	62.95%	7.298%
83	12.273	3475	3478	3481	rBV	1249	893	0.05%	0.006%
84	12.588	3573	3576	3578	rBV	1441	847	0.05%	0.006%
85	12.620	3582	3586	3590	rVB	3111	2347	0.14%	0.016%
86	12.646	3590	3594	3595	rBV	1898	1378	0.08%	0.009%
87	12.897	3669	3672	3681	rVB3	2074	2326	0.14%	0.016%
88	13.231	3773	3776	3778	rBV2	1157	781	0.05%	0.005%
89	13.421	3833	3835	3841	rVB2	1651	1333	0.08%	0.009%
90	13.495	3855	3858	3861	rVB	1819	1113	0.07%	0.008%
91	13.755	3936	3939	3942	rBV	1688	1444	0.09%	0.010%
92	13.983	4007	4010	4012	rBV	1687	1056	0.06%	0.007%
93	14.073	4035	4038	4044	rVB	1867	1773	0.10%	0.012%
94	14.102	4044	4047	4053	rBV	1550	2020	0.12%	0.014%
95	14.241	4087	4090	4095	rBV	1331	1380	0.08%	0.009%
96	14.556	4184	4188	4193	rBV	1741	2231	0.13%	0.015%
97	14.707	4231	4235	4242	rBV2	1364	2081	0.12%	0.014%
98	14.800	4261	4264	4267	rBV2	1172	780	0.05%	0.005%
99	15.385	4443	4446	4448	rBV	2159	1588	0.09%	0.011%
100	15.552	4496	4498	4502	rVB	2295	1420	0.08%	0.010%

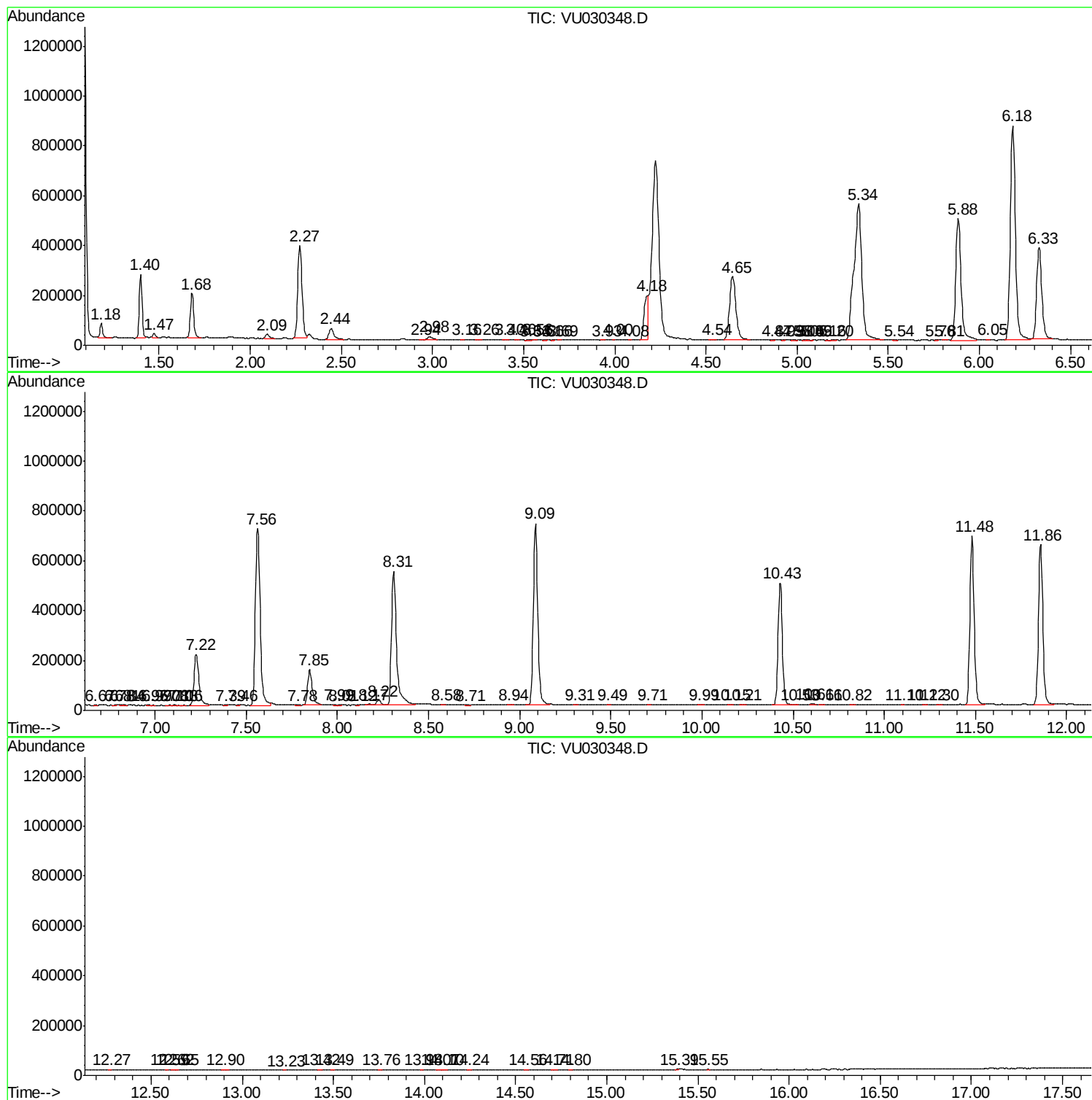
Sum of corrected areas: 14567569

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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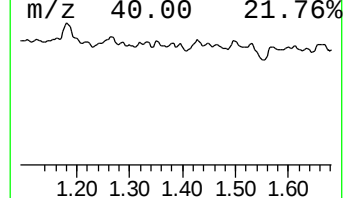
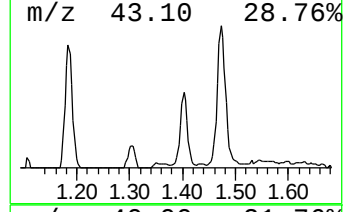
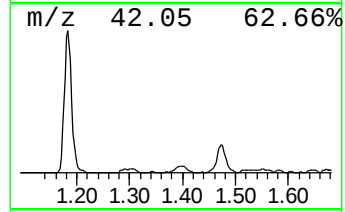
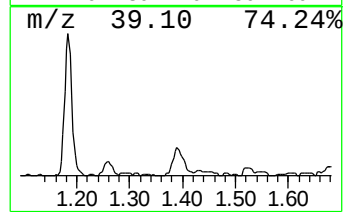
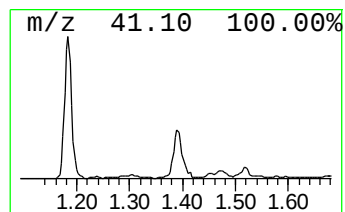
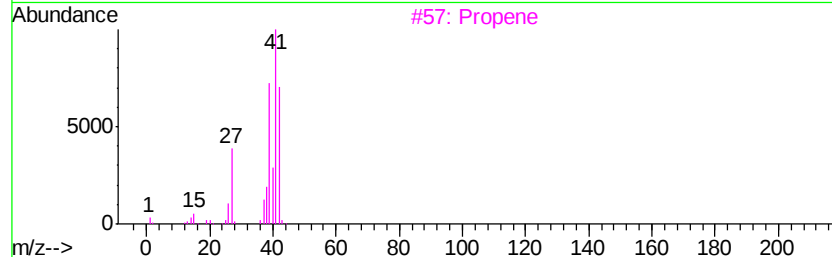
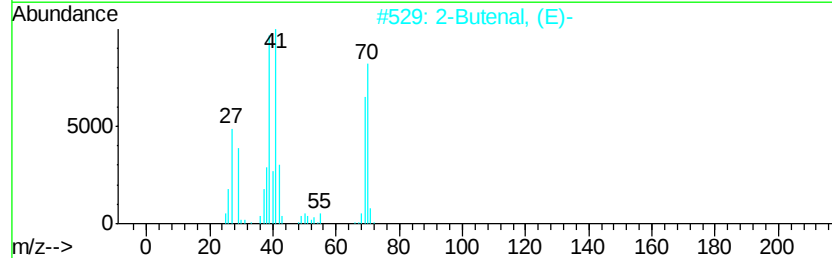
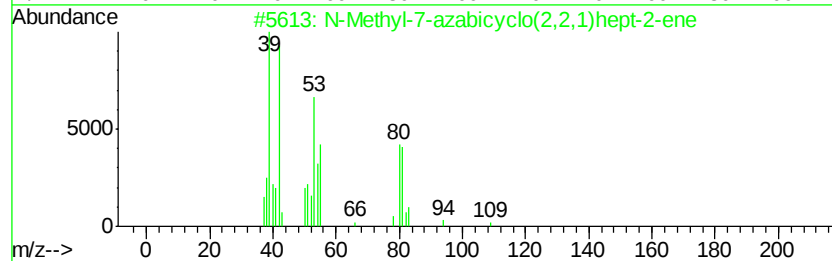
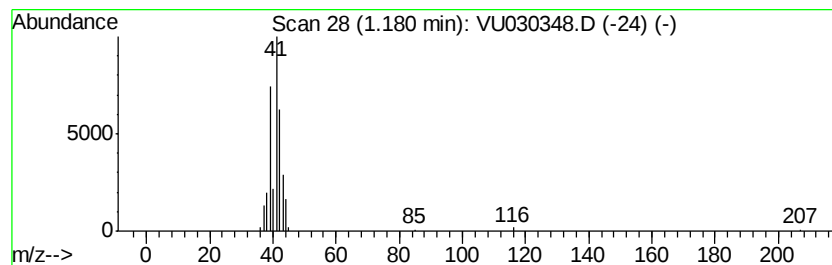
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 N-Methyl-7-azabicyclo(2,2,1)... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	2.94 ug/L	58831	1,4-Difluorobenzene	5.88

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		N-Methyl-7-azabicyclo(2,2,1)hept...	109	C7H11N	055590-26-6	78
2		2-Butenal, (E)-	70	C4H6O	000123-73-9	78
3		Propene	42	C3H6	000115-07-1	74
4		Aluminum, tripropyl-	156	C9H21Al	000102-67-0	74
5		3-Butenoic acid	86	C4H6O2	000625-38-7	74



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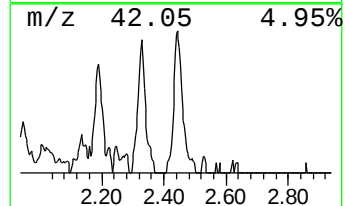
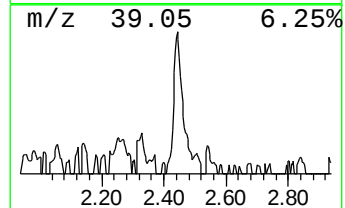
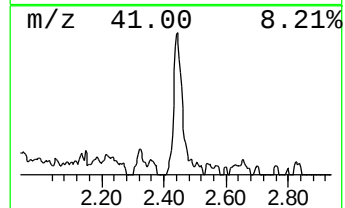
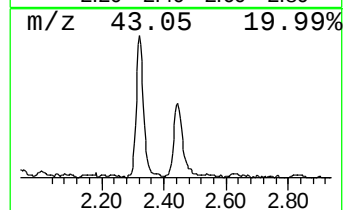
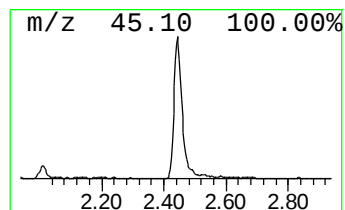
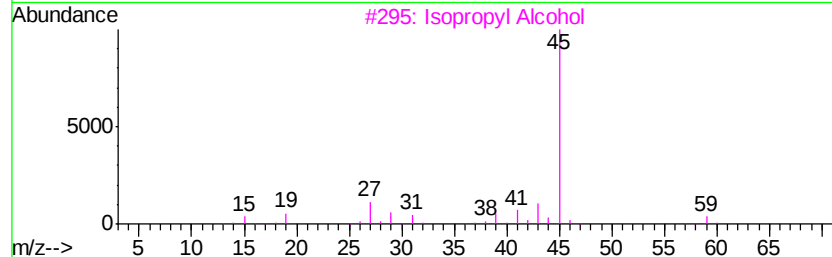
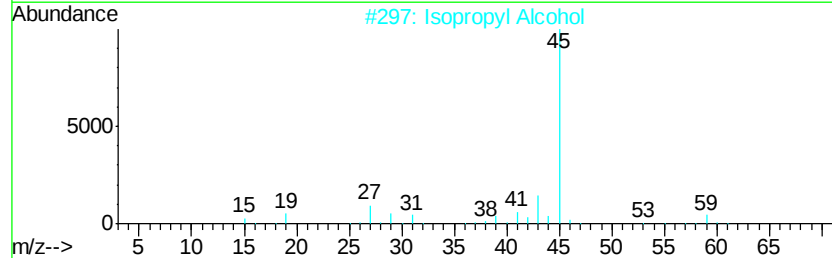
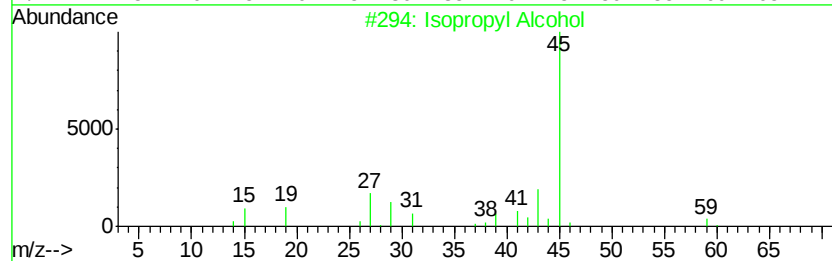
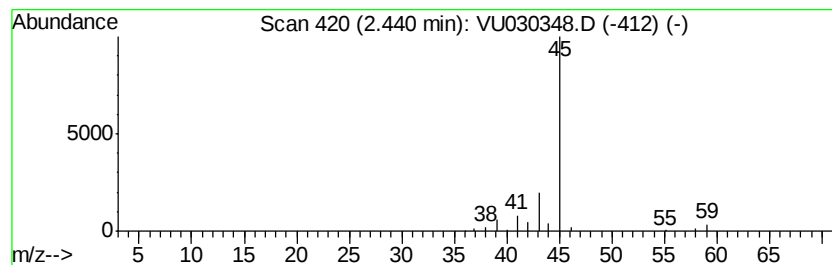
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	4.06 ug/L	81259	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2		Isopropyl Alcohol	60	C3H8O	000067-63-0	64
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5		Formamide	45	CH3NO	000075-12-7	4



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
N-Methyl-7-azabicyclo[2.2.1]hept-2-ene	1.18	2.9	ug/L	58831	1	5.88	1000140	50.0
Isopropyl Alcohol	2.44	4.1	ug/L	81259	1	5.88	1000140	50.0