

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
 Data File : VU034710.D
 Acq On : 20 Sep 2019 23:57
 Operator : JC/SP
 Sample : K4993-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOH9

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	20	27	37	rBV	107299	106676	4.95%	0.641%
2	1.392	88	94	103	rBV	302104	340949	15.81%	2.049%
3	1.672	174	181	193	rVB	240989	319227	14.80%	1.919%
4	2.257	354	363	375	rVB	434909	665296	30.85%	3.999%
5	2.428	407	416	437	rVB	71000	128014	5.94%	0.769%
6	2.553	452	455	457	rBV3	2208	1310	0.06%	0.008%
7	2.675	490	493	495	rBV4	1753	1386	0.06%	0.008%
8	2.762	517	520	521	rBV3	1802	1104	0.05%	0.007%
9	2.820	528	538	556	rVB	14026	33167	1.54%	0.199%
10	2.916	563	568	571	rBV6	1566	1475	0.07%	0.009%
11	3.273	677	679	686	rVV6	1632	1601	0.07%	0.010%
12	3.302	686	688	692	rVB4	1575	914	0.04%	0.005%
13	3.395	713	717	720	rBV4	1920	2078	0.10%	0.012%
14	3.440	728	731	736	rVB5	946	908	0.04%	0.005%
15	3.463	736	738	742	rVB4	1292	880	0.04%	0.005%
16	3.492	742	747	752	rBV7	1428	1971	0.09%	0.012%
17	3.620	783	787	789	rBV3	1836	1516	0.07%	0.009%
18	3.678	800	805	810	rVB6	1197	1360	0.06%	0.008%
19	3.733	819	822	824	rVV3	1889	1370	0.06%	0.008%
20	3.746	824	826	832	rVB5	1617	1573	0.07%	0.009%
21	3.778	832	836	842	rVB7	1523	1596	0.07%	0.010%
22	3.926	879	882	886	rVB5	1134	869	0.04%	0.005%
23	3.952	886	890	893	rBV3	888	872	0.04%	0.005%
24	3.981	897	899	905	rVB3	1766	993	0.05%	0.006%
25	4.151	938	952	986	rBV	211227	601187	27.87%	3.613%
26	4.437	1035	1041	1042	rBV6	1712	1635	0.08%	0.010%
27	4.556	1076	1078	1082	rVV5	1299	864	0.04%	0.005%
28	4.620	1082	1098	1121	rBV	341223	829360	38.45%	4.985%
29	4.964	1196	1205	1209	rBV7	2913	3952	0.18%	0.024%
30	5.093	1242	1245	1246	rBV3	1236	883	0.04%	0.005%
31	5.315	1288	1314	1346	rBV2	713000	2156872	100.00%	12.963%
32	5.865	1471	1485	1513	rBV	596059	1205299	55.88%	7.244%
33	6.173	1573	1581	1590	rVB	6504	11418	0.53%	0.069%
34	6.305	1607	1622	1648	rBV	499166	1025290	47.54%	6.162%

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Integration Parameters: LSCINT.P

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

35	6.681	1737	1739	1743	rVB4	1808	1113	0.05%	0.007%
36	6.714	1746	1749	1752	rVB4	1798	1245	0.06%	0.007%
37	6.775	1762	1768	1770	rBV3	2160	1962	0.09%	0.012%
38	6.919	1809	1813	1816	rBV5	973	885	0.04%	0.005%
39	6.942	1817	1820	1824	rVV6	1180	1051	0.05%	0.006%
40	7.042	1848	1851	1854	rBV4	1432	1025	0.05%	0.006%
41	7.148	1881	1884	1887	rBV4	1597	1092	0.05%	0.007%
42	7.205	1889	1902	1924	rBV	281163	519157	24.07%	3.120%
43	7.543	1994	2007	2025	rBV	924451	1646921	76.36%	9.898%
44	7.829	2085	2096	2122	rBV	181602	346039	16.04%	2.080%
45	8.141	2189	2193	2195	rBV4	1438	1086	0.05%	0.007%
46	8.205	2207	2213	2224	rVB4	3869	6277	0.29%	0.038%
47	8.289	2229	2239	2285	rBV	646807	1305320	60.52%	7.845%
48	8.713	2369	2371	2378	rVB9	2382	2076	0.10%	0.012%
49	8.781	2390	2392	2395	rVB4	1873	943	0.04%	0.006%
50	8.807	2395	2400	2402	rBV6	1102	959	0.04%	0.006%
51	9.016	2462	2465	2466	rBV3	1557	897	0.04%	0.005%
52	9.067	2469	2481	2502	rBV	880024	1509714	70.00%	9.074%
53	9.193	2518	2520	2528	rVB9	2022	1541	0.07%	0.009%
54	9.357	2567	2571	2578	rVV9	3058	3843	0.18%	0.023%
55	9.434	2592	2595	2597	rBV3	1485	968	0.04%	0.006%
56	9.450	2597	2600	2604	rVB4	2093	1440	0.07%	0.009%
57	9.479	2604	2609	2615	rVB9	1706	2291	0.11%	0.014%
58	9.559	2628	2634	2639	rVB7	1030	1342	0.06%	0.008%
59	9.591	2640	2644	2648	rBV7	1325	1045	0.05%	0.006%
60	9.742	2686	2691	2693	rBV4	1478	1307	0.06%	0.008%
61	9.755	2693	2695	2698	rBV3	1676	987	0.05%	0.006%
62	9.881	2732	2734	2740	rVB4	1282	900	0.04%	0.005%
63	10.077	2788	2795	2796	rBV5	1419	1427	0.07%	0.009%
64	10.215	2832	2838	2844	rVB7	1403	1725	0.08%	0.010%
65	10.247	2844	2848	2853	rBV6	942	886	0.04%	0.005%
66	10.270	2853	2855	2860	rVB5	1679	1390	0.06%	0.008%
67	10.350	2876	2880	2882	rBV2	1664	1314	0.06%	0.008%
68	10.408	2886	2898	2920	rBV	629815	1038374	48.14%	6.241%
69	10.572	2945	2949	2951	rBV5	1347	1117	0.05%	0.007%
70	10.720	2991	2995	2998	rVB4	1685	1290	0.06%	0.008%
71	10.794	3013	3018	3020	rBV5	1436	1182	0.05%	0.007%

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 Title : VOC Analysis

72	10.874	3038	3043	3048	rBV8	1421	1423	0.07%	0.009%
73	10.987	3075	3078	3083	rVV4	1344	1139	0.05%	0.007%
74	11.012	3083	3086	3089	rVB4	1522	883	0.04%	0.005%
75	11.459	3214	3225	3250	rBV	799641	1346793	62.44%	8.095%
76	11.774	3320	3323	3325	rBV4	1463	971	0.05%	0.006%
77	11.836	3330	3342	3367	rBV	810895	1387374	64.32%	8.338%
78	12.180	3447	3449	3452	rBV4	1659	1185	0.05%	0.007%
79	12.260	3472	3474	3478	rVB5	2177	1178	0.05%	0.007%
80	12.331	3493	3496	3501	rVB7	1955	1721	0.08%	0.010%
81	12.459	3532	3536	3538	rBV4	1646	1341	0.06%	0.008%
82	12.646	3591	3594	3597	rBV3	1617	1423	0.07%	0.009%
83	12.771	3629	3633	3634	rBV3	1883	1550	0.07%	0.009%
84	12.884	3664	3668	3672	rVB4	2031	1885	0.09%	0.011%
85	12.987	3694	3700	3702	rVB6	1729	1279	0.06%	0.008%
86	13.102	3732	3736	3738	rVV3	1646	1275	0.06%	0.008%
87	13.160	3750	3754	3757	rBV3	1450	1221	0.06%	0.007%
88	13.260	3782	3785	3787	rBV2	1649	1034	0.05%	0.006%
89	13.360	3813	3816	3819	rBV3	2307	1415	0.07%	0.009%
90	13.575	3880	3883	3888	rVV6	1398	1220	0.06%	0.007%
91	13.813	3954	3957	3961	rBV5	2035	1955	0.09%	0.012%
92	14.080	4037	4040	4045	rBV6	2026	1833	0.08%	0.011%
93	14.279	4097	4102	4103	rBV3	2552	1931	0.09%	0.012%
94	14.504	4170	4172	4179	rVB7	1854	1827	0.08%	0.011%
95	14.778	4253	4257	4259	rBV4	1776	1368	0.06%	0.008%
96	14.826	4270	4272	4276	rBV4	1570	1012	0.05%	0.006%
97	14.896	4290	4294	4298	rBV7	2433	1992	0.09%	0.012%
98	15.060	4342	4345	4346	rBV2	1584	902	0.04%	0.005%
99	15.109	4357	4360	4362	rBV4	1982	1154	0.05%	0.007%
100	15.234	4395	4399	4401	rBV3	2678	1895	0.09%	0.011%

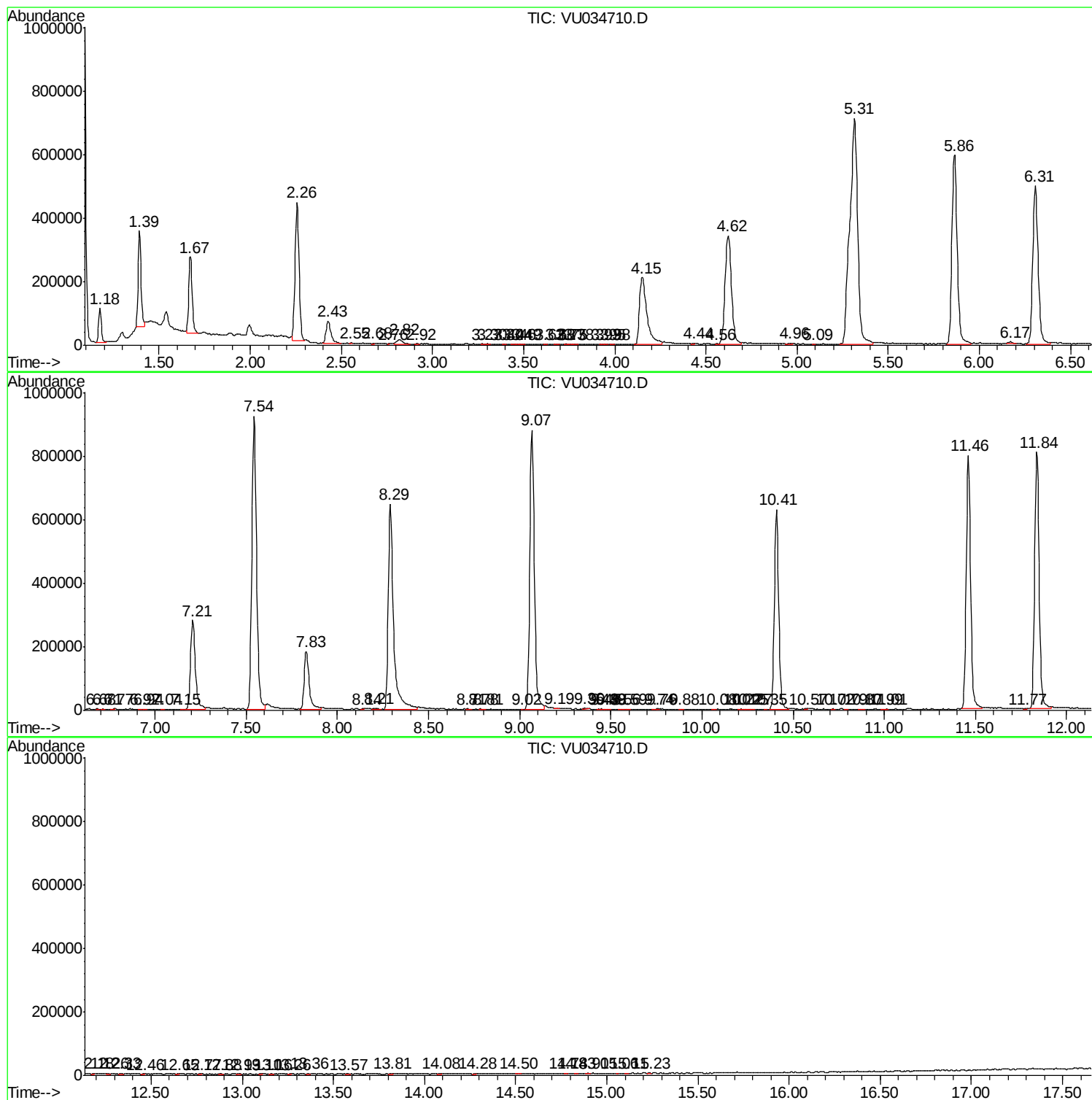
Sum of corrected areas: 16638175

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ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampled :
ETOH9

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



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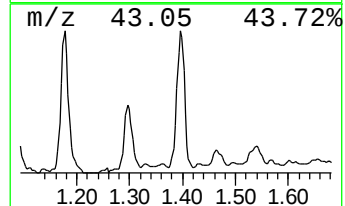
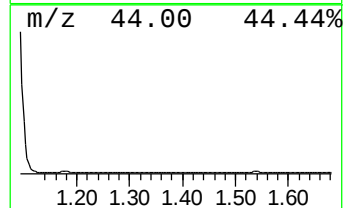
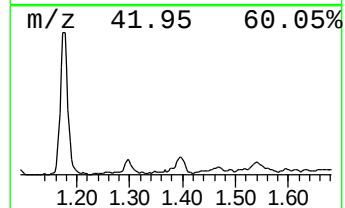
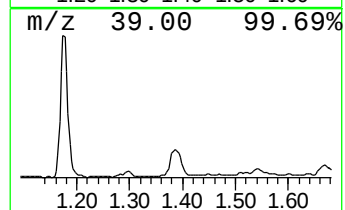
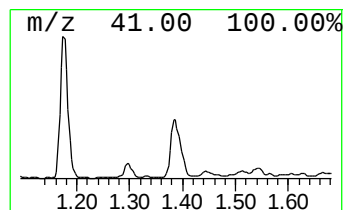
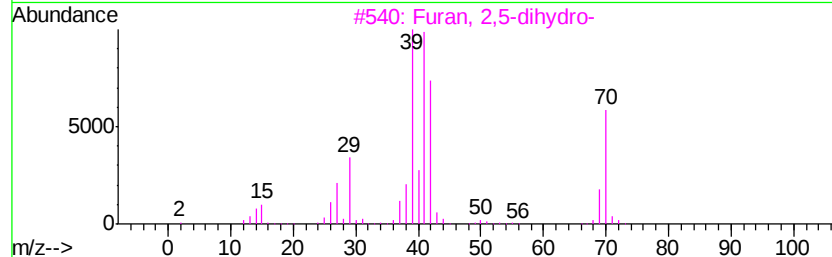
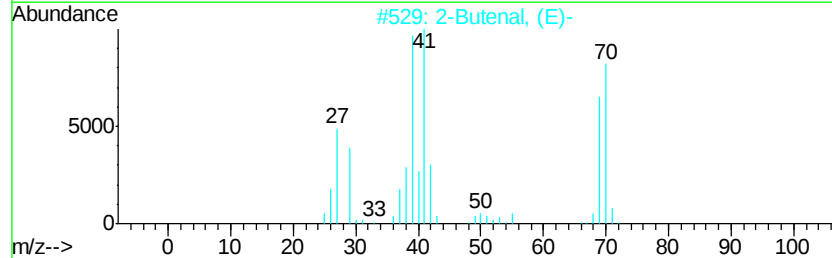
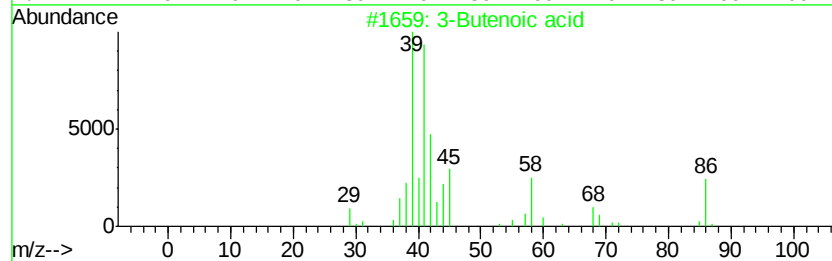
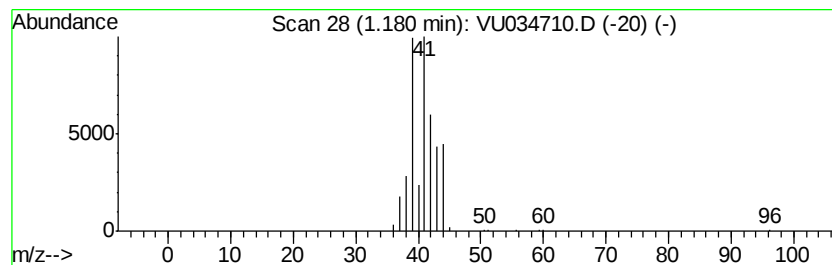
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 3-Butenoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	4.43 ug/L	106676	1,4-Difluorobenzene	5.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Butenoic acid	86	C4H6O2	000625-38-7	78
2			2-Butenal, (E)-	70	C4H6O	000123-73-9	72
3			Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	59
4			Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	59
5			2-Butenal	70	C4H6O	004170-30-3	40



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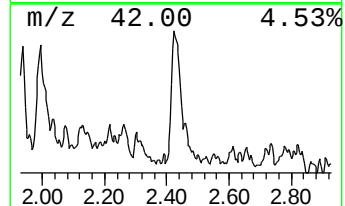
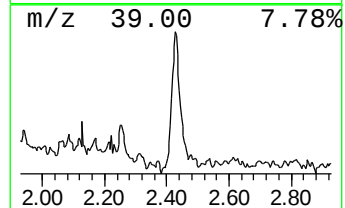
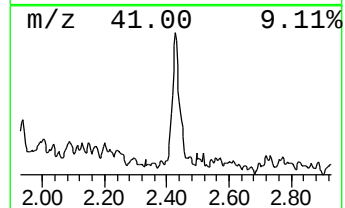
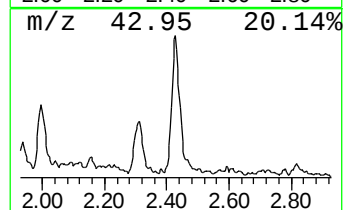
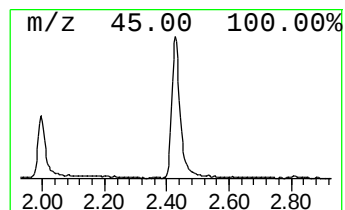
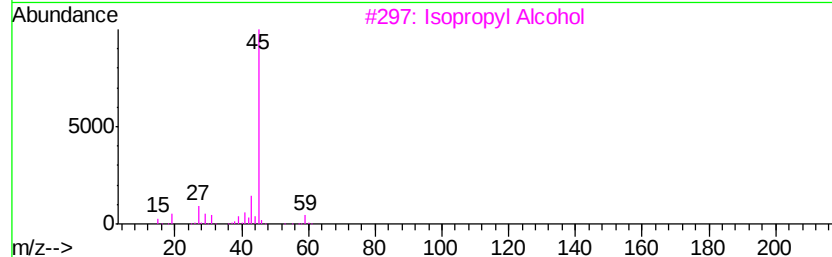
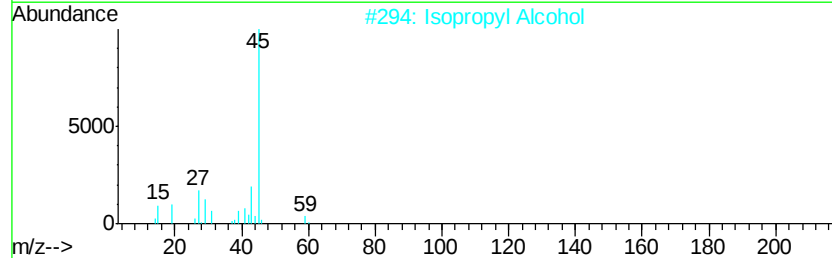
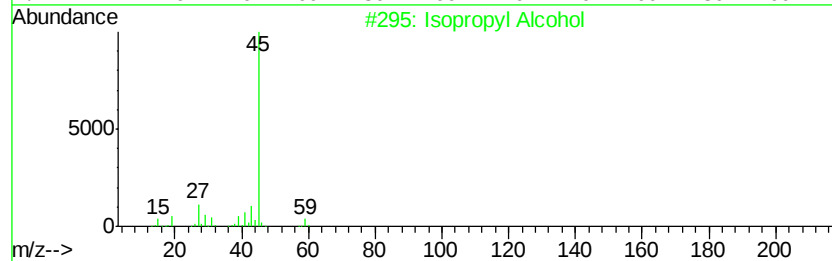
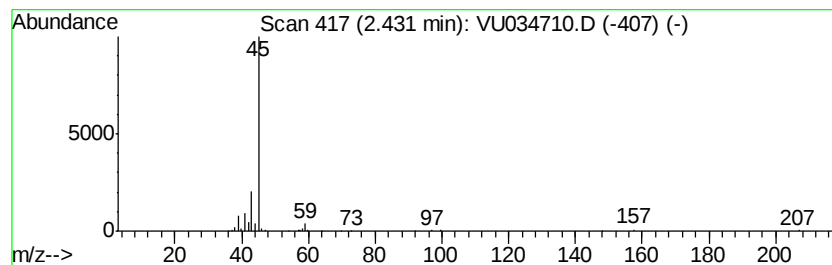
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Quant Title : VOC Analysis

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	5.31 ug/L	128014	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	72
3		Isopropyl Alcohol	60	C3H8O	000067-63-0	72
4		Isopropyl Alcohol	60	C3H8O	000067-63-0	50
5		Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Butenoic acid	1.18	4.4	ug/L	106676	1	5.86	1205300	50.0
Isopropyl Alcohol	2.43	5.3	ug/L	128014	1	5.86	1205300	50.0