

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080819\
 Data File : VU033668.D
 Acq On : 09 Aug 2019 03:46
 Operator : JC/SP
 Sample : K4161-17
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETOF1

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	23	27	33	rBV2	3464	3264	0.24%	0.031%
2	1.283	53	60	70	rBV2	22615	45447	3.28%	0.432%
3	1.392	87	94	104	rBV	216227	226535	16.34%	2.155%
4	1.672	174	181	196	rVB	167366	214393	15.46%	2.040%
5	2.260	353	364	375	rBV	321167	487884	35.18%	4.642%
6	2.360	392	395	397	rBV5	711	405	0.03%	0.004%
7	2.424	406	415	437	rBV	27202	51146	3.69%	0.487%
8	2.608	469	472	474	rBV2	242	177	0.01%	0.002%
9	2.682	492	495	498	rVV4	943	804	0.06%	0.008%
10	2.698	498	500	503	rVB2	827	455	0.03%	0.004%
11	2.820	527	538	551	rVB	3492	7329	0.53%	0.070%
12	2.907	562	565	568	rBV3	250	193	0.01%	0.002%
13	2.981	581	588	593	rBV4	823	1083	0.08%	0.010%
14	3.363	704	707	710	rVB2	253	194	0.01%	0.002%
15	3.399	714	718	721	rBV2	227	192	0.01%	0.002%
16	3.482	741	744	749	rBV2	324	292	0.02%	0.003%
17	3.672	797	803	806	rBV2	245	268	0.02%	0.003%
18	3.759	824	830	832	rBV	274	235	0.02%	0.002%
19	3.865	860	863	867	rVB	238	203	0.01%	0.002%
20	3.936	880	885	889	rBV	171	205	0.01%	0.002%
21	4.148	938	951	980	rBV	133468	359937	25.95%	3.425%
22	4.376	1019	1022	1026	rBV2	584	452	0.03%	0.004%
23	4.624	1081	1099	1128	rBV	226011	549825	39.65%	5.231%
24	4.900	1182	1185	1188	rBV	532	341	0.02%	0.003%
25	5.013	1216	1220	1228	rVB3	328	303	0.02%	0.003%
26	5.048	1228	1231	1240	rVB	478	535	0.04%	0.005%
27	5.087	1240	1243	1245	rBV	269	186	0.01%	0.002%
28	5.106	1245	1249	1255	rBV3	329	416	0.03%	0.004%
29	5.206	1276	1280	1283	rBV	267	276	0.02%	0.003%
30	5.318	1291	1315	1344	rBV2	467126	1386792	100.00%	13.195%
31	5.617	1405	1408	1411	rBV	303	198	0.01%	0.002%
32	5.653	1415	1419	1422	rVB	577	437	0.03%	0.004%
33	5.678	1423	1427	1429	rBV	305	219	0.02%	0.002%
34	5.727	1439	1442	1446	rBV2	304	228	0.02%	0.002%

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35	5.755	1449	1451	1453	rBV	358	198	0.01%	0.002%
36	5.778	1453	1458	1460	rBV3	632	563	0.04%	0.005%
37	5.817	1467	1470	1471	rBV2	446	254	0.02%	0.002%
38	5.865	1471	1485	1511	rVV	338767	675048	48.68%	6.423%
39	6.164	1573	1578	1579	rBV2	738	516	0.04%	0.005%
40	6.228	1595	1598	1601	rVB2	364	183	0.01%	0.002%
41	6.309	1605	1623	1644	rBV	308464	625223	45.08%	5.949%
42	6.492	1677	1680	1682	rVB2	664	345	0.02%	0.003%
43	6.546	1693	1697	1699	rBV2	398	314	0.02%	0.003%
44	6.633	1720	1724	1728	rVB3	211	176	0.01%	0.002%
45	6.656	1728	1731	1735	rVB2	214	180	0.01%	0.002%
46	6.765	1762	1765	1768	rBV3	407	290	0.02%	0.003%
47	7.051	1852	1854	1859	rVB2	219	218	0.02%	0.002%
48	7.080	1859	1863	1865	rBV2	204	193	0.01%	0.002%
49	7.125	1874	1877	1880	rBV	358	215	0.02%	0.002%
50	7.209	1890	1903	1933	rBV	160048	294231	21.22%	2.799%
51	7.373	1948	1954	1958	rBV5	926	1061	0.08%	0.010%
52	7.450	1976	1978	1980	rVB3	424	196	0.01%	0.002%
53	7.485	1986	1989	1992	rBV3	243	183	0.01%	0.002%
54	7.546	1995	2008	2030	rBV	622382	1095125	78.97%	10.420%
55	7.833	2086	2097	2123	rBV	113955	202419	14.60%	1.926%
56	7.961	2135	2137	2140	rVB3	745	425	0.03%	0.004%
57	7.990	2140	2146	2152	rVB4	454	506	0.04%	0.005%
58	8.080	2171	2174	2178	rBV2	257	214	0.02%	0.002%
59	8.132	2183	2190	2191	rBV	432	317	0.02%	0.003%
60	8.161	2191	2199	2210	rVV2	2703	4965	0.36%	0.047%
61	8.212	2212	2215	2223	rVB3	674	717	0.05%	0.007%
62	8.292	2228	2240	2287	rBV	421262	794794	57.31%	7.562%
63	8.681	2360	2361	2367	rVB	326	230	0.02%	0.002%
64	8.742	2375	2380	2381	rBV2	186	195	0.01%	0.002%
65	8.781	2388	2392	2398	rVB2	226	217	0.02%	0.002%
66	8.926	2434	2437	2438	rBV	321	193	0.01%	0.002%
67	9.003	2460	2461	2470	rVB2	253	319	0.02%	0.003%
68	9.074	2470	2483	2507	rBV	519150	882105	63.61%	8.393%
69	9.238	2529	2534	2540	rVB3	906	1035	0.07%	0.010%
70	9.366	2568	2574	2589	rVB3	1291	2189	0.16%	0.021%
71	9.511	2614	2619	2624	rBV2	269	393	0.03%	0.004%

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 Title : VOC Analysis

72	9.652	2658	2663	2665	rBV2	276	295	0.02%	0.003%
73	9.688	2671	2674	2676	rBV	267	190	0.01%	0.002%
74	9.765	2692	2698	2699	rBV	1017	853	0.06%	0.008%
75	9.775	2699	2701	2707	rVB5	960	919	0.07%	0.009%
76	10.054	2784	2788	2792	rVB3	455	327	0.02%	0.003%
77	10.148	2812	2817	2819	rBV3	722	740	0.05%	0.007%
78	10.225	2839	2841	2844	rVB2	344	193	0.01%	0.002%
79	10.324	2866	2872	2877	rBV2	426	655	0.05%	0.006%
80	10.414	2885	2900	2918	rBV	469518	753946	54.37%	7.173%
81	10.595	2948	2956	2968	rVB5	2111	3375	0.24%	0.032%
82	10.758	3001	3007	3013	rBV2	767	1022	0.07%	0.010%
83	10.842	3030	3033	3041	rVB2	286	292	0.02%	0.003%
84	11.135	3119	3124	3129	rBV2	725	800	0.06%	0.008%
85	11.247	3156	3159	3161	rBV2	328	214	0.02%	0.002%
86	11.283	3166	3170	3174	rVB2	438	438	0.03%	0.004%
87	11.405	3202	3208	3216	rBV3	1318	1538	0.11%	0.015%
88	11.469	3216	3228	3255	rBV	511248	809225	58.35%	7.699%
89	11.845	3331	3345	3371	rBV	618137	1004302	72.42%	9.555%
90	12.202	3452	3456	3461	rBV3	559	517	0.04%	0.005%
91	12.254	3470	3472	3476	rBV4	429	251	0.02%	0.002%
92	12.292	3481	3484	3490	rVB3	514	448	0.03%	0.004%
93	12.321	3490	3493	3495	rBV2	293	205	0.01%	0.002%
94	12.334	3495	3497	3502	rVB2	366	236	0.02%	0.002%
95	12.434	3526	3528	3531	rBV2	356	201	0.01%	0.002%
96	12.475	3537	3541	3543	rBV	526	399	0.03%	0.004%
97	12.549	3560	3564	3566	rBV2	318	314	0.02%	0.003%
98	12.874	3663	3665	3668	rBV3	390	260	0.02%	0.002%
99	14.649	4215	4217	4222	rBV4	462	431	0.03%	0.004%
100	15.472	4471	4473	4480	rBV3	957	918	0.07%	0.009%

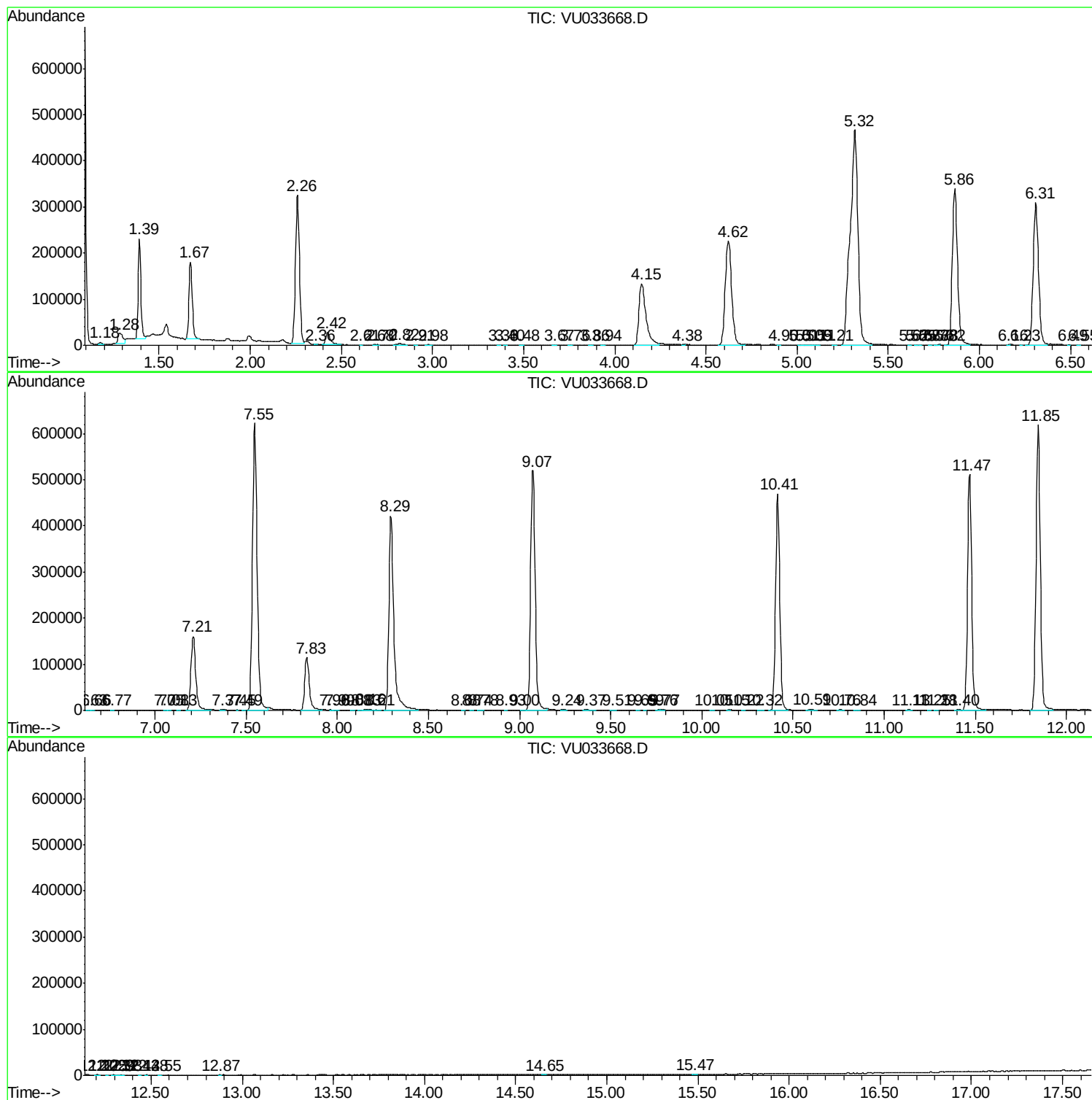
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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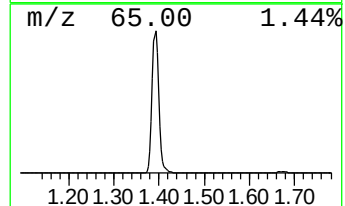
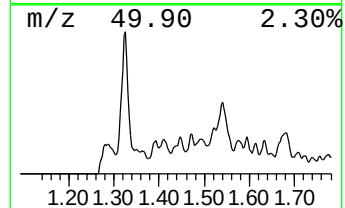
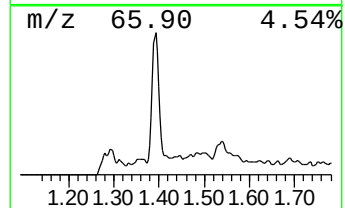
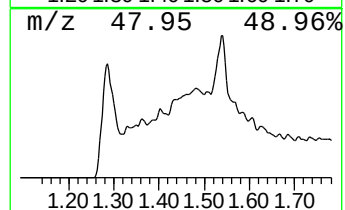
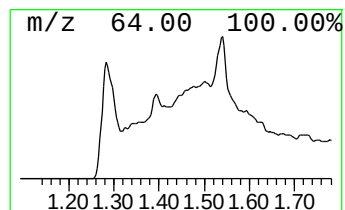
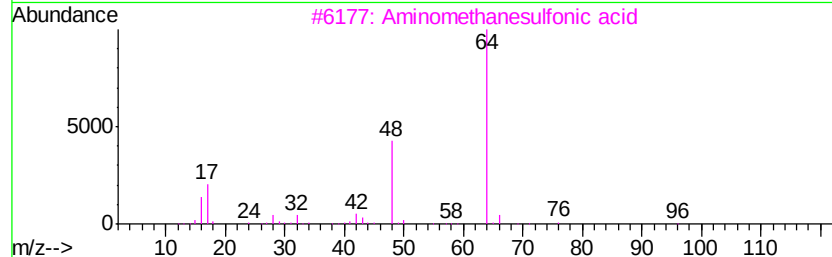
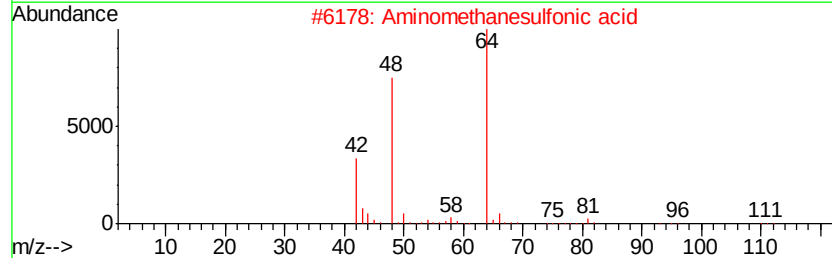
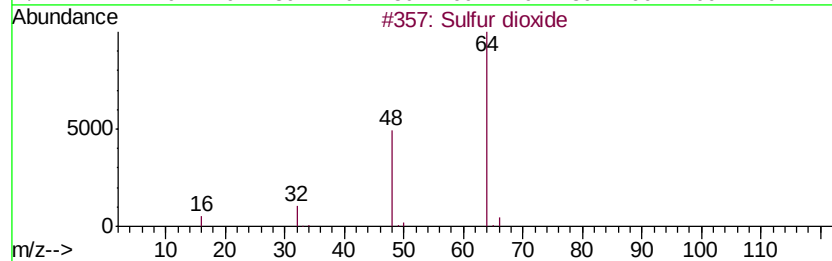
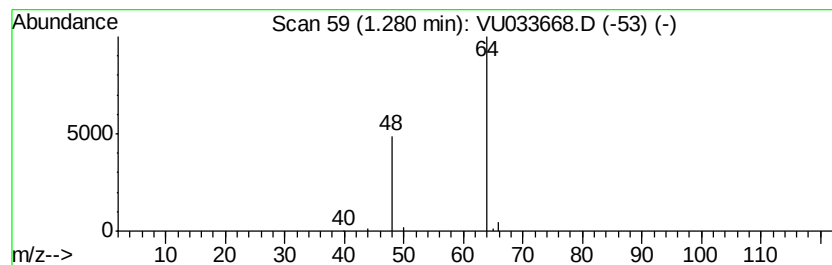
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.28	3.37 ug/L	45447	1,4-Difluorobenzene	5.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	90
2	Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9	64
3	Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9	9
4	Ethene, 1,1-difluoro-	64 C2H2F2	000075-38-7	5
5	Ethene, 1,1-difluoro-	64 C2H2F2	000075-38-7	4



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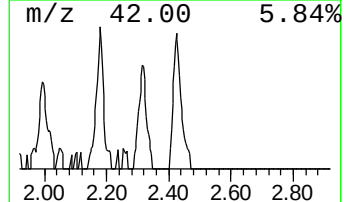
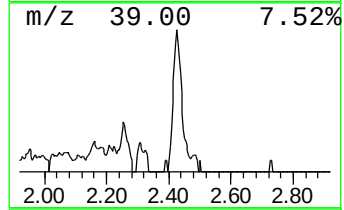
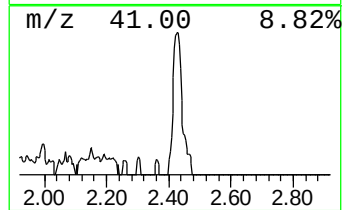
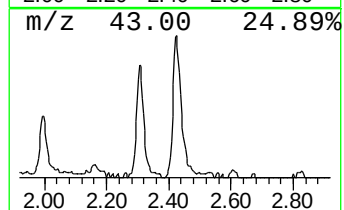
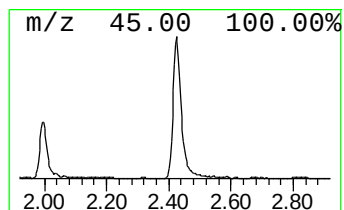
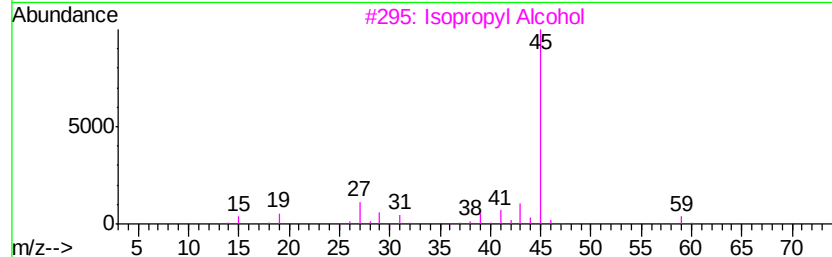
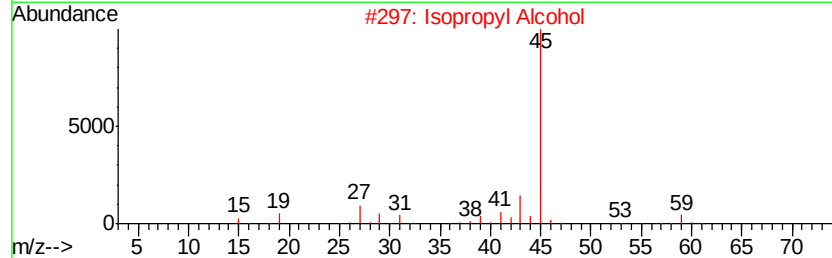
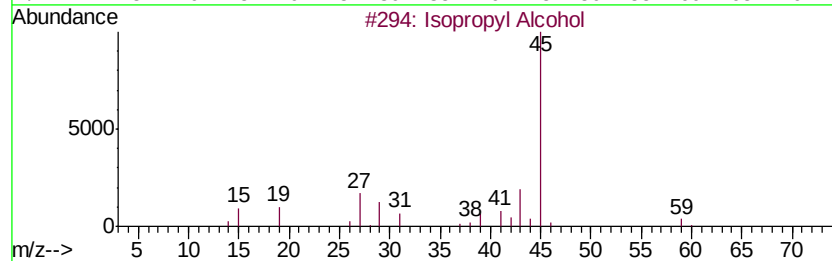
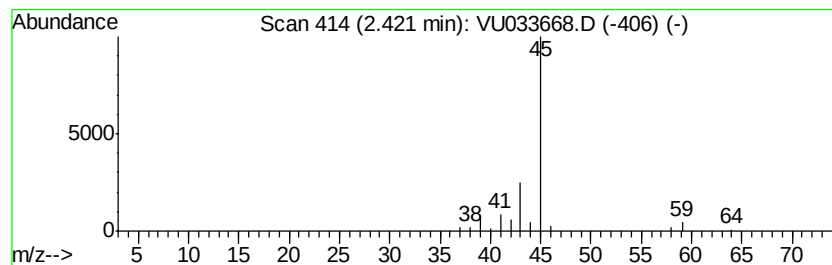
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Quant Title : VOC Analysis

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.
2.42	3.79 ug/L	51146	1,4-Difluorobenzene	5.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl Alcohol	60	C3H8O	000067-63-0	74
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	43
3			Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4			Isopropyl Alcohol	60	C3H8O	000067-63-0	4
5			Oxirane, (methoxymethyl)-	88	C4H8O2	000930-37-0	4



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.28	3.4	ug/L	45447	1	5.86	675048	50.0
Isopropyl Alcohol	2.42	3.8	ug/L	51146	1	5.86	675048	50.0