

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102518\
 Data File : VV008414.D
 Acq On : 25 Oct 2018 17:31
 Operator : SY/MD
 Sample : J5670-04
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETBP5

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_V\METHOD\SOMVLM102318WMA.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	1.212	31	38	55	rBV	85607	151915	7.09%	1.565%
2	1.322	67	72	82	rVB2	121800	128671	6.00%	1.326%
3	1.569	144	149	163	rVB	63206	77408	3.61%	0.798%
4	2.132	315	324	335	rVB	141361	202324	9.44%	2.085%
5	2.318	373	382	400	rVB	21171	44937	2.10%	0.463%
6	2.656	471	487	504	rBV2	11381	26395	1.23%	0.272%
7	2.798	522	531	542	rVB	8185	13064	0.61%	0.135%
8	2.907	562	565	569	rBV	280	210	0.01%	0.002%
9	2.962	578	582	584	rBV	234	195	0.01%	0.002%
10	3.138	633	637	640	rBV2	310	242	0.01%	0.002%
11	3.225	659	664	665	rBV2	761	643	0.03%	0.007%
12	3.408	717	721	722	rBV	213	162	0.01%	0.002%
13	3.547	761	764	769	rBV2	152	153	0.01%	0.002%
14	3.582	773	775	778	rVB	300	158	0.01%	0.002%
15	3.621	782	787	791	rVB3	400	347	0.02%	0.004%
16	3.643	791	794	795	rBV2	304	156	0.01%	0.002%
17	3.968	871	895	933	rBV2	821683	2143015	100.00%	22.084%
18	4.244	978	981	982	rBV	363	169	0.01%	0.002%
19	4.408	1015	1032	1057	rBV	123534	295884	13.81%	3.049%
20	4.621	1096	1098	1100	rBV	299	173	0.01%	0.002%
21	4.823	1158	1161	1165	rBV2	298	266	0.01%	0.003%
22	4.913	1184	1189	1197	rBV3	322	547	0.03%	0.006%
23	5.019	1216	1222	1225	rBV	251	279	0.01%	0.003%
24	5.100	1229	1247	1280	rBV2	312967	779181	36.36%	8.029%
25	5.306	1307	1311	1314	rBV3	319	272	0.01%	0.003%
26	5.322	1314	1316	1319	rVB	358	149	0.01%	0.002%
27	5.383	1331	1335	1340	rBV2	397	320	0.01%	0.003%
28	5.479	1363	1365	1369	rVB2	298	219	0.01%	0.002%
29	5.505	1369	1373	1375	rVB	281	182	0.01%	0.002%
30	5.579	1392	1396	1397	rBV2	436	298	0.01%	0.003%
31	5.669	1409	1424	1447	rBV	248846	488344	22.79%	5.032%
32	5.965	1501	1516	1539	rBV	344243	660150	30.80%	6.803%
33	6.122	1551	1565	1588	rBV	179032	354067	16.52%	3.649%
34	6.244	1597	1603	1605	rBV4	755	749	0.03%	0.008%

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 Title : VOC Analysis

35	6.318	1622	1626	1629	rVB	215	160	0.01%	0.002%
36	6.383	1641	1646	1649	rBV	285	214	0.01%	0.002%
37	6.437	1659	1663	1664	rBV	272	157	0.01%	0.002%
38	6.469	1668	1673	1676	rBV2	204	162	0.01%	0.002%
39	6.550	1693	1698	1706	rVB2	227	398	0.02%	0.004%
40	6.698	1736	1744	1759	rVB	8136	15796	0.74%	0.163%
41	6.926	1812	1815	1820	rVB	216	196	0.01%	0.002%
42	6.958	1820	1825	1827	rBV	196	192	0.01%	0.002%
43	7.032	1835	1848	1868	rBV	109133	190177	8.87%	1.960%
44	7.280	1918	1925	1928	rBV3	346	389	0.02%	0.004%
45	7.305	1928	1933	1934	rBV	252	222	0.01%	0.002%
46	7.363	1938	1951	1971	rBV	360680	623991	29.12%	6.430%
47	7.666	2031	2045	2064	rBV	76111	127752	5.96%	1.316%
48	8.022	2134	2156	2172	rBV	571794	1033890	48.24%	10.654%
49	8.135	2183	2191	2216	rVB	222982	379332	17.70%	3.909%
50	8.437	2282	2285	2291	rBV	203	163	0.01%	0.002%
51	8.553	2318	2321	2326	rBV2	190	146	0.01%	0.002%
52	8.585	2329	2331	2337	rVB3	184	152	0.01%	0.002%
53	8.624	2339	2343	2344	rBV	208	149	0.01%	0.002%
54	8.817	2396	2403	2406	rBV2	327	313	0.01%	0.003%
55	8.839	2406	2410	2415	rBV	230	200	0.01%	0.002%
56	8.900	2415	2429	2450	rBV	347299	573827	26.78%	5.913%
57	9.045	2470	2474	2477	rBV	244	195	0.01%	0.002%
58	9.096	2488	2490	2493	rVV2	364	268	0.01%	0.003%
59	9.109	2493	2494	2502	rVB2	647	456	0.02%	0.005%
60	9.177	2512	2515	2519	rBV3	420	301	0.01%	0.003%
61	9.254	2536	2539	2544	rBV	179	205	0.01%	0.002%
62	9.373	2573	2576	2580	rBV2	189	159	0.01%	0.002%
63	9.450	2595	2600	2603	rBV2	258	302	0.01%	0.003%
64	9.530	2622	2625	2628	rVB2	268	173	0.01%	0.002%
65	9.585	2640	2642	2649	rVB3	218	202	0.01%	0.002%
66	9.672	2666	2669	2674	rBV2	296	284	0.01%	0.003%
67	9.797	2704	2708	2711	rVB2	223	172	0.01%	0.002%
68	9.836	2716	2720	2724	rBV	231	191	0.01%	0.002%
69	9.858	2724	2727	2729	rBV	375	177	0.01%	0.002%
70	9.958	2756	2758	2763	rVB	187	153	0.01%	0.002%
71	10.013	2771	2775	2780	rVB3	333	288	0.01%	0.003%

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72	10.064	2786	2791	2793	rBV2	347	247	0.01%	0.003%
73	10.215	2836	2838	2841	rVV	198	151	0.01%	0.002%
74	10.264	2841	2853	2878	rVB	219465	355030	16.57%	3.659%
75	10.392	2890	2893	2895	rBV	217	174	0.01%	0.002%
76	10.440	2895	2908	2923	rVB3	12589	28938	1.35%	0.298%
77	10.736	2997	3000	3004	rVB2	201	160	0.01%	0.002%
78	10.765	3004	3009	3014	rBV2	218	289	0.01%	0.003%
79	10.900	3047	3051	3055	rBV2	210	213	0.01%	0.002%
80	10.971	3068	3073	3077	rBV2	186	231	0.01%	0.002%
81	11.035	3088	3093	3094	rBV	257	156	0.01%	0.002%
82	11.212	3145	3148	3152	rVB	312	245	0.01%	0.003%
83	11.299	3161	3175	3194	rBV	302899	490269	22.88%	5.052%
84	11.540	3247	3250	3254	rBV2	202	185	0.01%	0.002%
85	11.579	3254	3262	3275	rBV3	2409	5172	0.24%	0.053%
86	11.675	3280	3292	3311	rVB	307033	491725	22.95%	5.067%
87	11.768	3318	3321	3326	rVB2	189	198	0.01%	0.002%
88	11.797	3326	3330	3333	rBV2	207	172	0.01%	0.002%
89	11.833	3339	3341	3345	rBV2	273	224	0.01%	0.002%
90	11.968	3379	3383	3386	rBV2	187	201	0.01%	0.002%
91	12.013	3394	3397	3399	rBV	288	172	0.01%	0.002%
92	12.299	3476	3486	3497	rVB	3101	5195	0.24%	0.054%
93	12.344	3497	3500	3504	rBV2	240	213	0.01%	0.002%
94	12.440	3528	3530	3534	rBV	299	160	0.01%	0.002%
95	12.788	3637	3638	3644	rBV2	218	150	0.01%	0.002%
96	12.881	3663	3667	3672	rBV2	342	390	0.02%	0.004%
97	12.955	3687	3690	3695	rVB2	371	282	0.01%	0.003%
98	13.183	3757	3761	3763	rVB2	430	294	0.01%	0.003%
99	13.202	3763	3767	3768	rBV2	314	216	0.01%	0.002%
100	13.701	3919	3922	3925	rBV	263	216	0.01%	0.002%

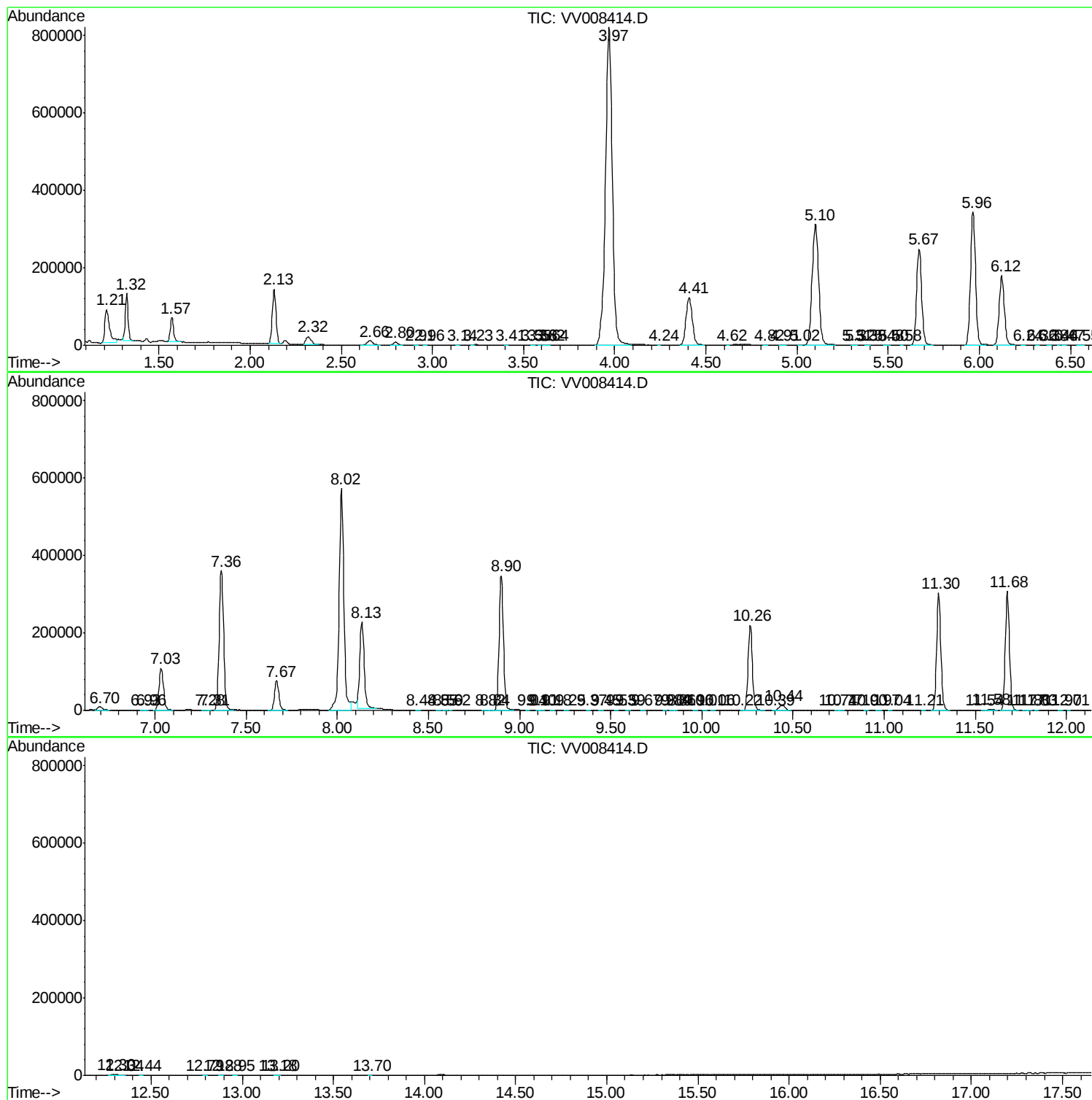
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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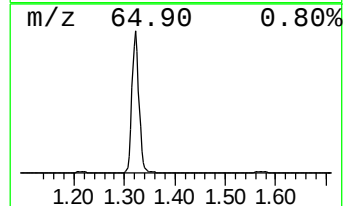
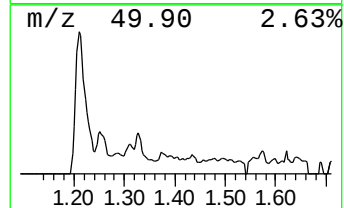
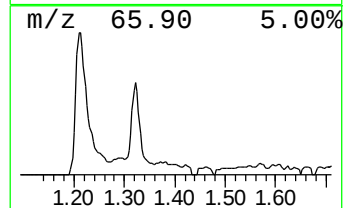
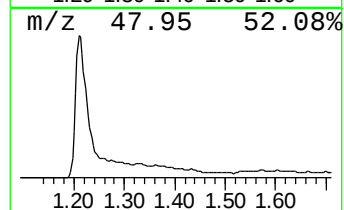
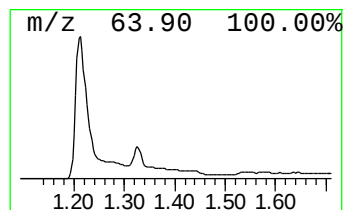
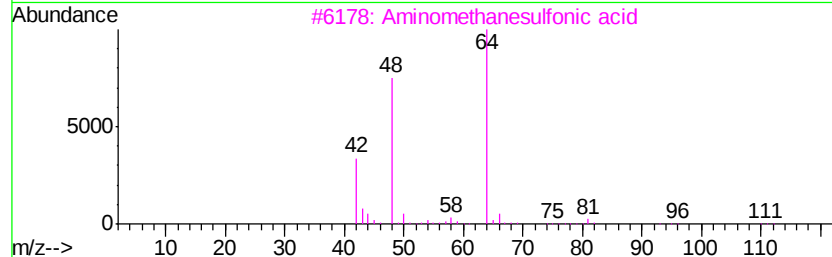
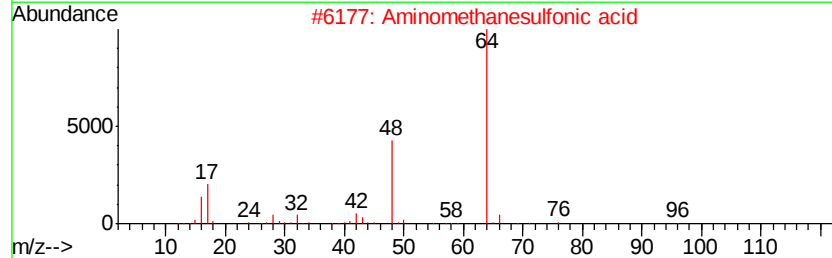
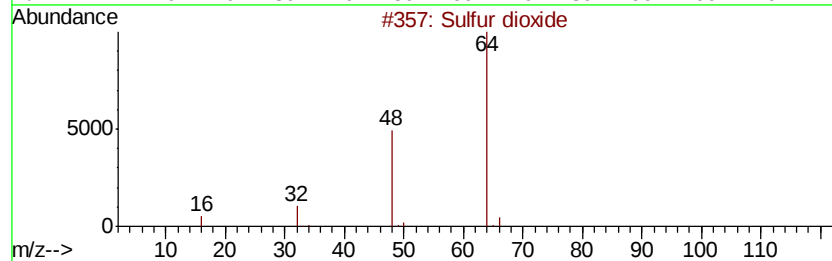
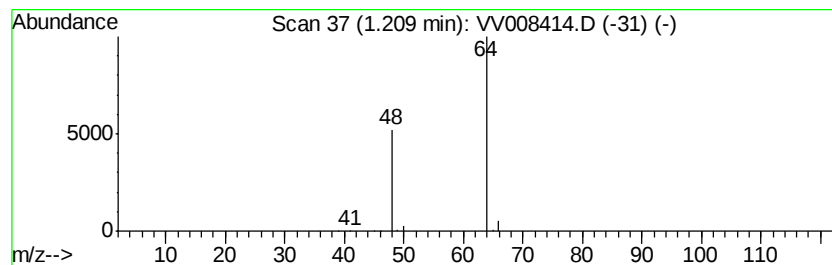
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis

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.
1.21	15.55 ug/L	151915	1,4-Difluorobenzene	5.67

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



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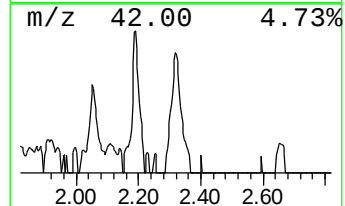
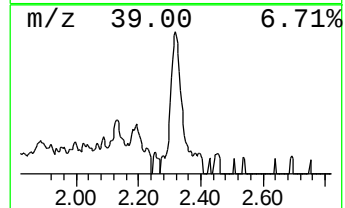
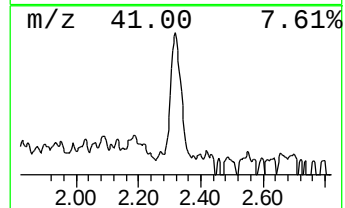
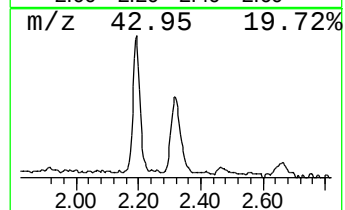
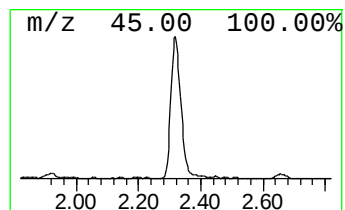
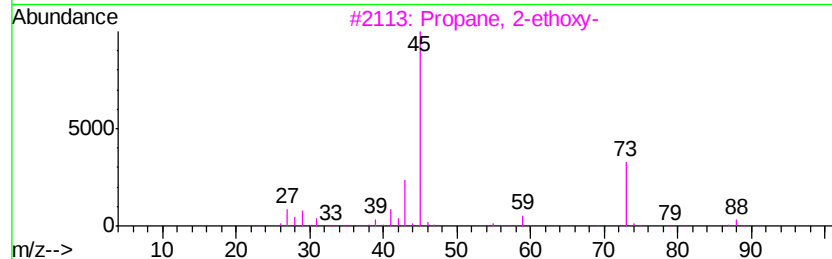
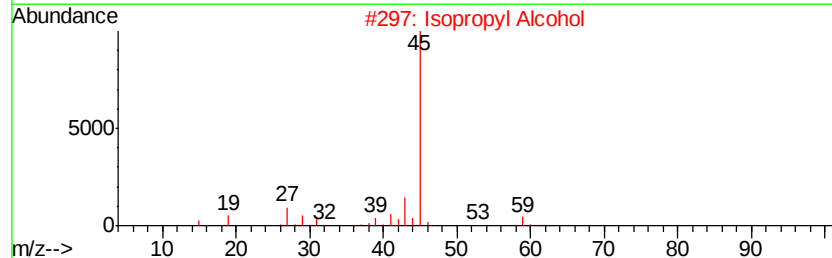
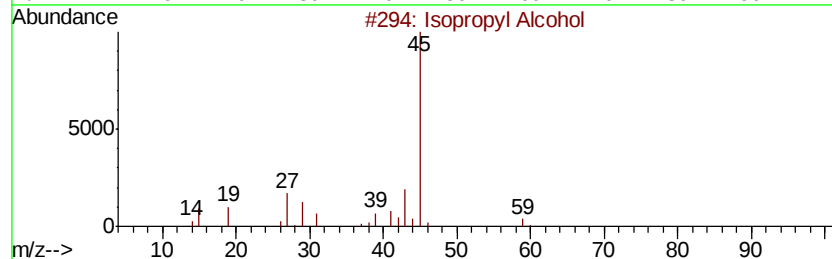
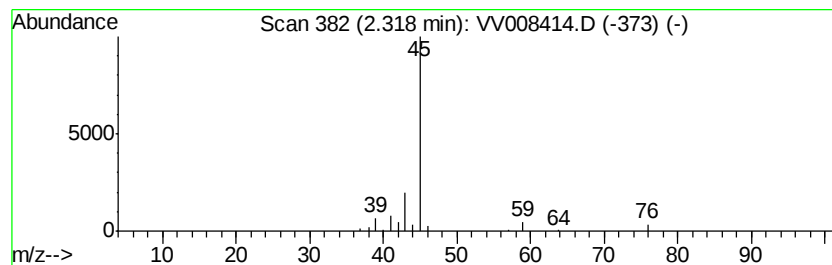
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Quant Title : VOC Analysis

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

Peak Number 2 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.32	4.60 ug/L	44937	1,4-Difluorobenzene	5.67

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol		60	C3H8O	000067-63-0	64
2	Isopropyl Alcohol		60	C3H8O	000067-63-0	64
3	Propane, 2-ethoxy-		88	C5H12O	000625-54-7	43
4	(R)-(-)-2-Pentanol		88	C5H12O	031087-44-2	9
5	Isopropyl Alcohol		60	C3H8O	000067-63-0	9



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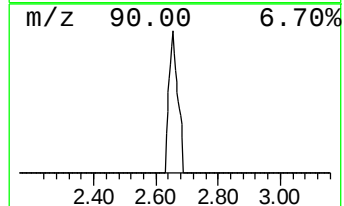
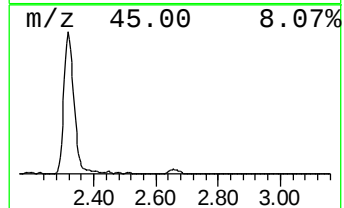
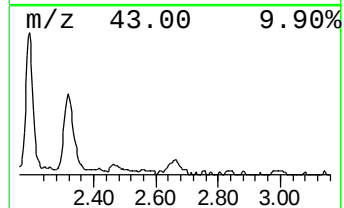
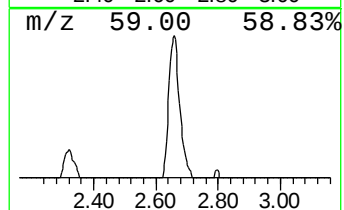
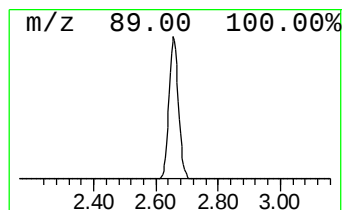
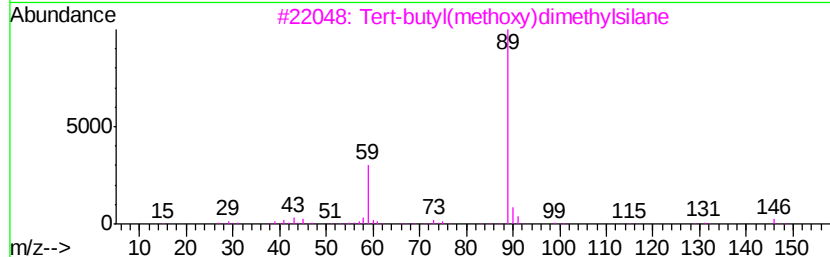
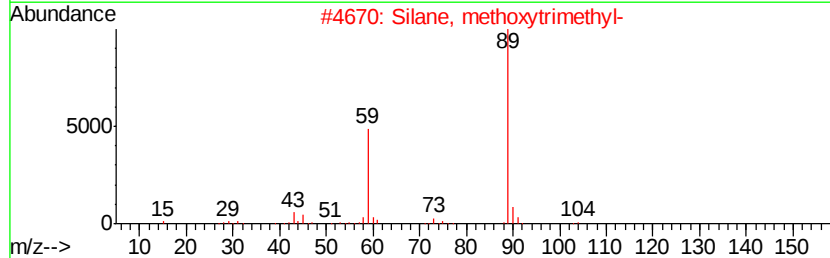
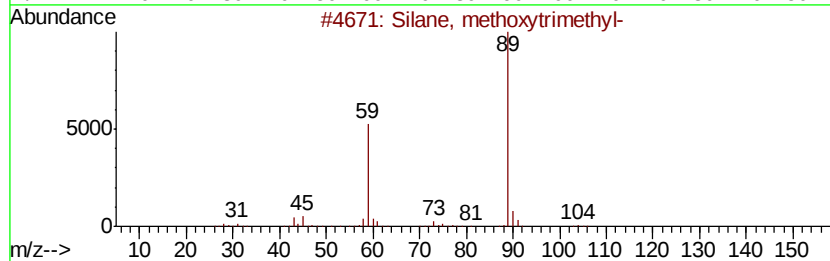
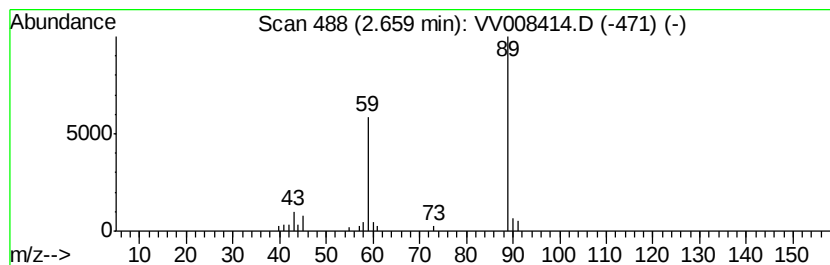
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

Peak Number 3 Silane, methoxytrimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.66	2.70 ug/L	26395	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	83
2		Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	83
3		Tert-butyl(methoxy)dimethylsilane	146	C7H18OSi	1000364-10-7	83
4		Tricyclo[5.2.2.0(2,6)]undecan-11...	352	C18H24O7	1000155-17-7	74
5		Silane, (2-methoxyethyl)trimethyl-	132	C6H16OSi	018173-63-2	64



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Acq On : 25 Oct 2018 17:31
Operator : SY/MD
Sample : J5670-04
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETBP5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	15.6	ug/L	151915	1	5.67	488344	50.0
Isopropyl Alcohol	2.32	4.6	ug/L	44937	1	5.67	488344	50.0
Silane, methoxytr...	2.66	2.7	ug/L	26395	1	5.67	488344	50.0