

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031819\
 Data File : VV009758.D
 Acq On : 18 Mar 2019 14:58
 Operator : SY/MD
 Sample : K1918-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C09A2

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\SOMVLM031719WMA.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	1.209	30	37	48	rBV	37786	73983	9.07%	1.523%
2	1.319	67	71	83	rVB	82375	76107	9.33%	1.566%
3	2.123	313	321	332	rVB	140453	200959	24.64%	4.136%
4	2.238	355	357	362	rVB	1086	798	0.10%	0.016%
5	2.643	479	483	488	rBV2	1061	1235	0.15%	0.025%
6	2.804	517	533	553	rBV	396687	815711	100.00%	16.788%
7	3.270	676	678	685	rVB2	864	793	0.10%	0.016%
8	3.309	687	690	698	rVB2	658	776	0.10%	0.016%
9	3.348	700	702	707	rVB2	624	463	0.06%	0.010%
10	3.373	708	710	712	rBV	553	257	0.03%	0.005%
11	3.422	722	725	728	rVB	570	368	0.05%	0.008%
12	3.444	728	732	734	rBV2	522	494	0.06%	0.010%
13	3.508	749	752	755	rBV	458	304	0.04%	0.006%
14	3.531	755	759	762	rBV	520	461	0.06%	0.009%
15	3.592	775	778	782	rBV2	577	602	0.07%	0.012%
16	3.704	810	813	815	rBV	280	205	0.03%	0.004%
17	3.717	815	817	820	rVV	309	209	0.03%	0.004%
18	3.756	827	829	830	rVB	295	113	0.01%	0.002%
19	3.778	830	836	840	rBV2	702	715	0.09%	0.015%
20	3.830	847	852	855	rBV	626	625	0.08%	0.013%
21	3.878	864	867	871	rBV	439	402	0.05%	0.008%
22	3.930	871	883	906	rBV2	36968	96289	11.80%	1.982%
23	4.219	970	973	976	rVB2	764	456	0.06%	0.009%
24	4.322	998	1005	1008	rBV2	874	1250	0.15%	0.026%
25	4.402	1014	1030	1053	rBV2	82956	201916	24.75%	4.155%
26	4.585	1084	1087	1089	rBV2	532	319	0.04%	0.007%
27	4.663	1108	1111	1115	rVB	558	379	0.05%	0.008%
28	4.682	1115	1117	1119	rBV	498	257	0.03%	0.005%
29	4.746	1133	1137	1141	rBV	343	332	0.04%	0.007%
30	4.791	1145	1151	1154	rBV2	791	932	0.11%	0.019%
31	4.820	1157	1160	1163	rBV3	657	535	0.07%	0.011%
32	4.910	1186	1188	1191	rBV	435	298	0.04%	0.006%
33	5.010	1216	1219	1221	rBV	443	319	0.04%	0.007%
34	5.093	1228	1245	1278	rBV2	200397	522436	64.05%	10.752%

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35	5.338	1309	1321	1340	rVB	52418	118292	14.50%	2.434%
36	5.450	1354	1356	1361	rBV2	734	719	0.09%	0.015%
37	5.550	1383	1387	1389	rBV	444	403	0.05%	0.008%
38	5.666	1409	1423	1439	rBV	155602	314063	38.50%	6.463%
39	6.052	1540	1543	1546	rBV2	850	682	0.08%	0.014%
40	6.116	1550	1563	1584	rBV	109877	225991	27.70%	4.651%
41	6.338	1630	1632	1634	rBV	462	220	0.03%	0.005%
42	6.563	1700	1702	1704	rVB	473	232	0.03%	0.005%
43	6.579	1704	1707	1712	rBV	770	602	0.07%	0.012%
44	6.605	1712	1715	1718	rBV	415	378	0.05%	0.008%
45	6.663	1731	1733	1735	rBV	453	209	0.03%	0.004%
46	6.839	1783	1788	1790	rBV	606	598	0.07%	0.012%
47	6.971	1827	1829	1831	rBV	323	177	0.02%	0.004%
48	7.029	1836	1847	1870	rVV2	62466	114945	14.09%	2.366%
49	7.286	1924	1927	1930	rVB	562	357	0.04%	0.007%
50	7.360	1930	1950	1975	rBV	237211	432915	53.07%	8.909%
51	7.663	2034	2044	2059	rBV2	43799	75212	9.22%	1.548%
52	7.785	2080	2082	2083	rBV2	187	87	0.01%	0.002%
53	7.798	2083	2086	2088	rBV	514	313	0.04%	0.006%
54	7.897	2115	2117	2119	rBV2	384	199	0.02%	0.004%
55	8.132	2179	2190	2225	rBV	108090	226456	27.76%	4.661%
56	8.418	2275	2279	2282	rBV	612	540	0.07%	0.011%
57	8.447	2286	2288	2290	rBV2	355	178	0.02%	0.004%
58	8.495	2299	2303	2306	rBV	574	577	0.07%	0.012%
59	8.550	2317	2320	2326	rBV	661	609	0.07%	0.013%
60	8.656	2350	2353	2356	rBV	456	423	0.05%	0.009%
61	8.897	2416	2428	2454	rBV	231273	394579	48.37%	8.121%
62	9.039	2470	2472	2475	rBV2	426	180	0.02%	0.004%
63	9.302	2551	2554	2558	rBV	614	525	0.06%	0.011%
64	9.331	2560	2563	2565	rVV	552	342	0.04%	0.007%
65	9.418	2587	2590	2594	rBV	728	636	0.08%	0.013%
66	9.518	2618	2621	2623	rBV	430	256	0.03%	0.005%
67	9.543	2627	2629	2630	rBV	324	113	0.01%	0.002%
68	9.556	2630	2633	2634	rBV	368	188	0.02%	0.004%
69	9.971	2759	2762	2766	rBV3	501	402	0.05%	0.008%
70	10.151	2815	2818	2825	rBV2	496	613	0.08%	0.013%
71	10.215	2834	2838	2840	rBV3	519	442	0.05%	0.009%

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72	10.264	2842	2853	2876	rVB	159144	258109	31.64%	5.312%
73	10.585	2945	2953	2960	rBV2	898	1982	0.24%	0.041%
74	10.932	3056	3061	3064	rVB	756	600	0.07%	0.012%
75	11.026	3084	3090	3092	rBV2	797	921	0.11%	0.019%
76	11.167	3131	3134	3135	rBV2	436	257	0.03%	0.005%
77	11.299	3163	3175	3193	rVB	188203	323549	39.66%	6.659%
78	11.511	3238	3241	3244	rBV	525	368	0.05%	0.008%
79	11.559	3251	3256	3257	rBV2	583	519	0.06%	0.011%
80	11.675	3279	3292	3310	rBV	208411	346745	42.51%	7.136%
81	11.810	3332	3334	3338	rBV2	479	296	0.04%	0.006%
82	11.878	3352	3355	3356	rBV	375	227	0.03%	0.005%
83	12.199	3452	3455	3458	rBV2	653	523	0.06%	0.011%
84	12.418	3520	3523	3528	rBV	751	739	0.09%	0.015%
85	12.485	3540	3544	3547	rBV	931	743	0.09%	0.015%
86	12.556	3562	3566	3567	rBV2	511	401	0.05%	0.008%
87	12.614	3581	3584	3586	rBV	632	427	0.05%	0.009%
88	12.778	3632	3635	3637	rBV	742	542	0.07%	0.011%
89	13.055	3717	3721	3724	rBV	707	515	0.06%	0.011%
90	13.154	3748	3752	3756	rBV	740	723	0.09%	0.015%
91	13.215	3767	3771	3776	rBV	688	680	0.08%	0.014%
92	13.241	3776	3779	3782	rBV	555	378	0.05%	0.008%
93	13.370	3815	3819	3825	rVB2	556	421	0.05%	0.009%
94	13.405	3826	3830	3837	rBV3	896	1180	0.14%	0.024%
95	13.534	3867	3870	3874	rBV2	558	482	0.06%	0.010%
96	13.874	3973	3976	3978	rBV	580	439	0.05%	0.009%
97	14.620	4205	4208	4210	rBV2	853	428	0.05%	0.009%
98	14.887	4286	4291	4292	rBV3	584	514	0.06%	0.011%
99	15.550	4494	4497	4500	rBV	804	684	0.08%	0.014%
100	15.739	4553	4556	4560	rBV2	831	684	0.08%	0.014%

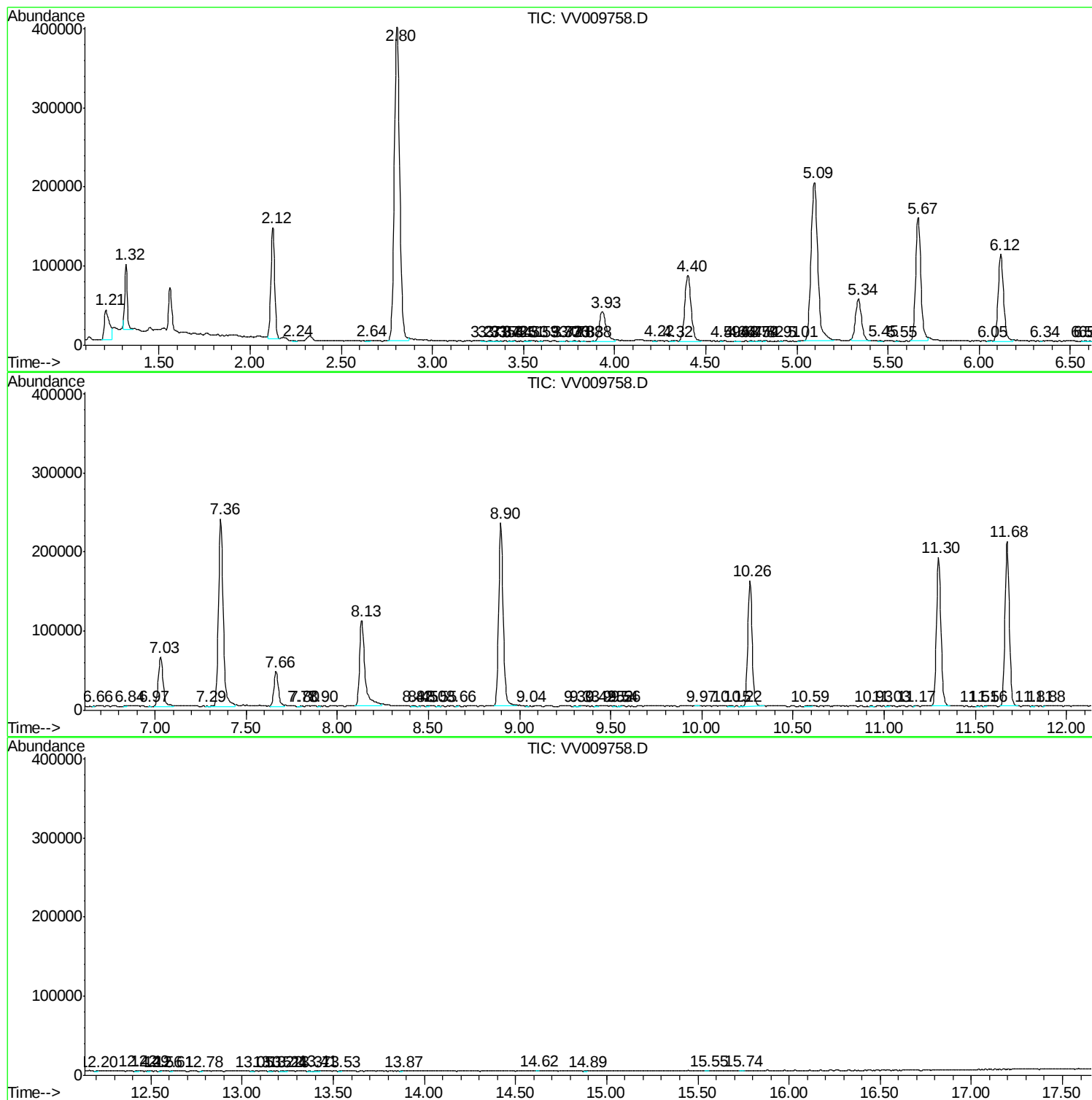
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM031719WMA.M
Quant Title : VOC Analysis

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



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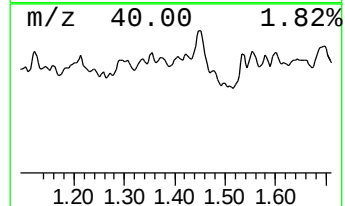
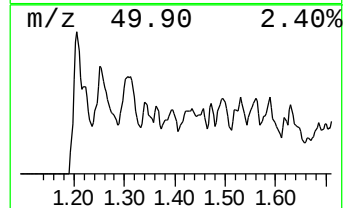
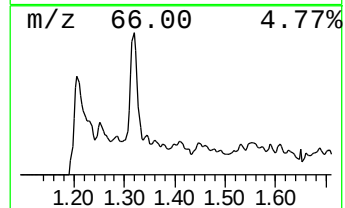
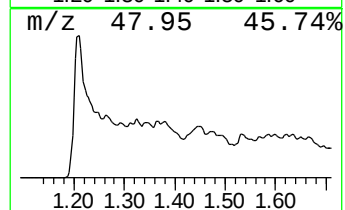
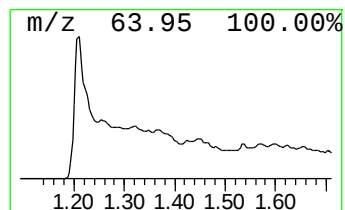
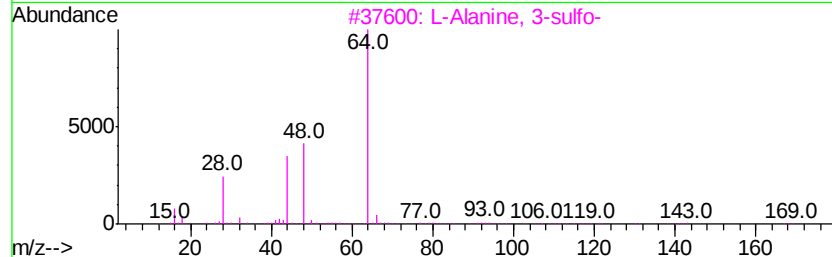
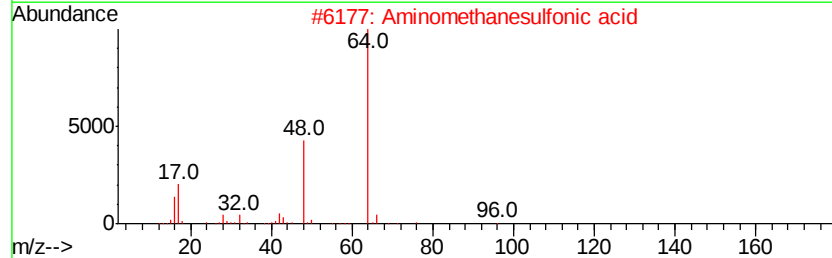
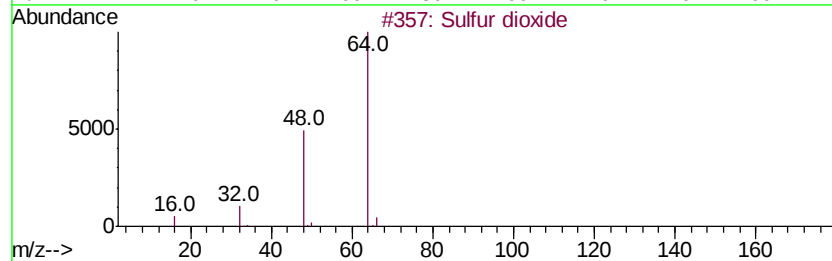
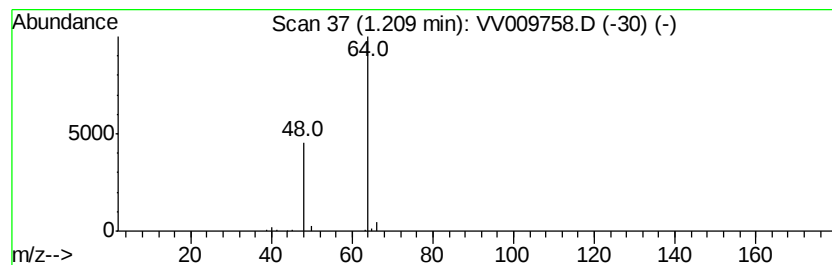
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Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	11.78 ug/L	73983	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	64
3		L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4		Sulfur dioxide	64	O2S	007446-09-5	5
5		Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	4



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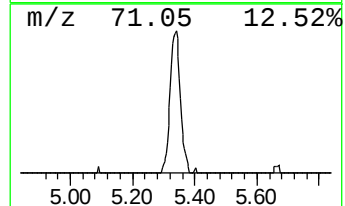
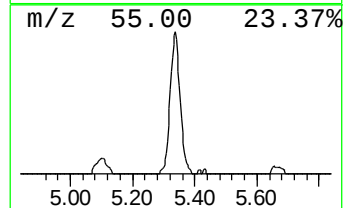
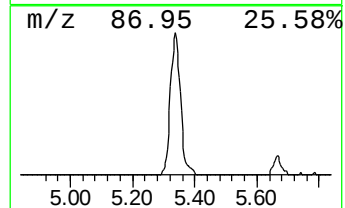
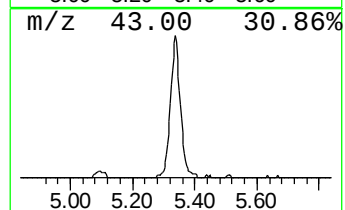
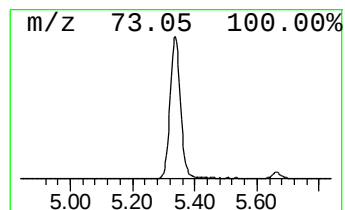
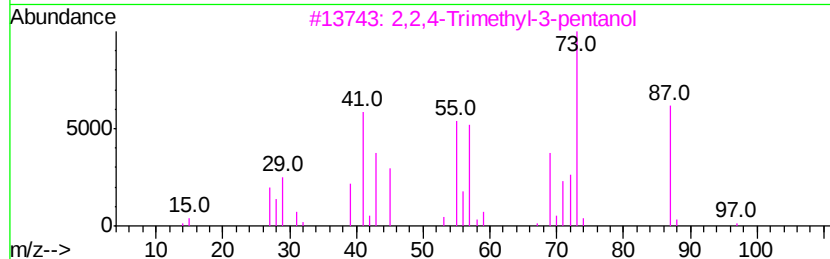
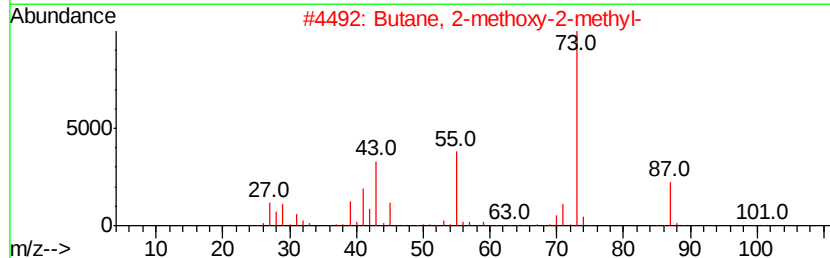
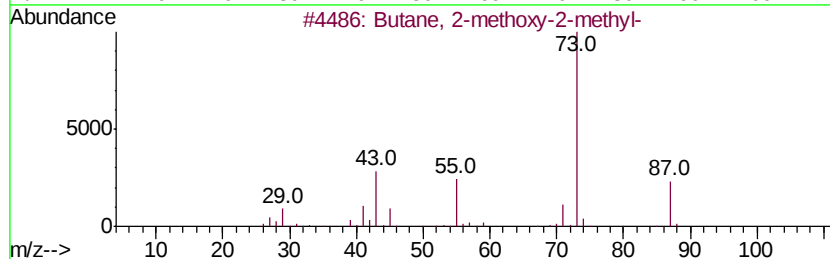
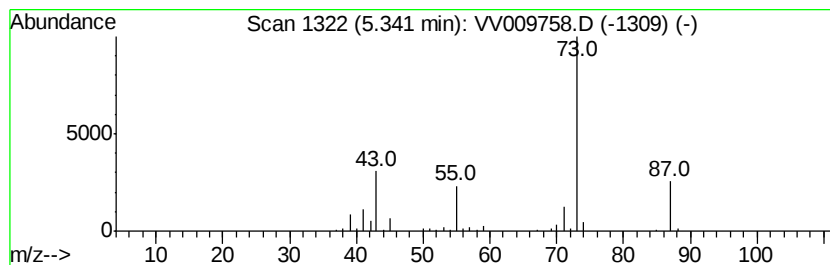
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Quant Title : VOC Analysis

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.34	18.83 ug/L	118292	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	33
4		Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
5		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	11.8	ug/L	73983	1	5.67	314063	50.0
Butane, 2-methoxy...	5.34	18.8	ug/L	118292	1	5.67	314063	50.0