

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013873.D
 Acq On : 02 Dec 2019 15:59
 Operator : SY/MD
 Sample : K6028-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA5

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\SOMVLM120219WMA.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	1.206	31	36	53	rBV	78509	130357	5.29%	0.760%
2	1.316	65	70	84	rVB	294223	284189	11.53%	1.656%
3	1.579	146	152	162	rVB	296921	320924	13.02%	1.870%
4	2.126	314	322	333	rVB	555243	770859	31.26%	4.492%
5	2.875	552	555	556	rBV	1727	1000	0.04%	0.006%
6	2.939	574	575	578	rVB3	1160	476	0.02%	0.003%
7	3.000	591	594	595	rBV2	921	427	0.02%	0.002%
8	3.103	624	626	629	rBV4	1332	802	0.03%	0.005%
9	3.216	657	661	663	rBV4	1764	1231	0.05%	0.007%
10	3.264	672	676	677	rBV2	1222	748	0.03%	0.004%
11	3.344	699	701	704	rVB4	1117	567	0.02%	0.003%
12	3.377	708	711	713	rVB3	1134	697	0.03%	0.004%
13	3.389	713	715	719	rBV2	849	668	0.03%	0.004%
14	3.418	722	724	727	rBV4	850	493	0.02%	0.003%
15	3.434	727	729	732	rBV4	1113	722	0.03%	0.004%
16	3.479	741	743	745	rBV3	1125	632	0.03%	0.004%
17	3.566	768	770	772	rBV3	1544	788	0.03%	0.005%
18	3.579	772	774	777	rVB3	1143	677	0.03%	0.004%
19	3.714	814	816	818	rBV3	1128	455	0.02%	0.003%
20	3.759	827	830	832	rBV4	872	659	0.03%	0.004%
21	3.782	835	837	840	rVB4	1539	834	0.03%	0.005%
22	3.840	848	855	858	rBV6	1531	1438	0.06%	0.008%
23	3.881	866	868	869	rBV	1445	585	0.02%	0.003%
24	3.923	870	881	909	rVV	160959	444314	18.02%	2.589%
25	4.241	978	980	981	rBV3	1496	750	0.03%	0.004%
26	4.396	1013	1028	1054	rVB	390782	938417	38.06%	5.469%
27	5.090	1227	1244	1268	rBV2	976933	2465723	100.00%	14.369%
28	5.303	1308	1310	1311	rBV2	1730	642	0.03%	0.004%
29	5.659	1408	1421	1451	rBV	684710	1353863	54.91%	7.890%
30	6.113	1549	1562	1592	rBV	516970	1046483	42.44%	6.098%
31	6.576	1704	1706	1708	rBV3	1732	873	0.04%	0.005%
32	6.827	1782	1784	1787	rVB3	1251	604	0.02%	0.004%
33	6.891	1802	1804	1807	rBV3	1658	1060	0.04%	0.006%
34	7.026	1833	1846	1864	rBV2	284505	507494	20.58%	2.957%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Title : VOC Analysis

35	7.354	1936	1948	1967	rBV	1064385	1857142	75.32%	10.822%
36	7.659	2033	2043	2060	rBV	195997	329332	13.36%	1.919%
37	8.129	2177	2189	2233	rBV2	447855	1029534	41.75%	6.000%
38	8.454	2288	2290	2294	rBV3	1378	928	0.04%	0.005%
39	8.566	2323	2325	2327	rBV3	1641	880	0.04%	0.005%
40	8.662	2353	2355	2361	rVB6	1920	1366	0.06%	0.008%
41	8.688	2361	2363	2367	rBV4	1152	956	0.04%	0.006%
42	8.891	2410	2426	2444	rBV	955437	1546625	62.73%	9.013%
43	9.312	2554	2557	2558	rBV3	881	549	0.02%	0.003%
44	9.354	2567	2570	2571	rBV	938	609	0.02%	0.004%
45	9.447	2597	2599	2600	rBV2	926	469	0.02%	0.003%
46	9.682	2670	2672	2678	rVB6	1662	849	0.03%	0.005%
47	9.791	2701	2706	2708	rBV5	1666	1269	0.05%	0.007%
48	9.878	2731	2733	2736	rVB	1598	947	0.04%	0.006%
49	9.910	2738	2743	2744	rBV4	1019	797	0.03%	0.005%
50	10.058	2787	2789	2791	rVB3	1220	467	0.02%	0.003%
51	10.087	2796	2798	2800	rBV2	1135	549	0.02%	0.003%
52	10.103	2800	2803	2806	rVB2	1957	1182	0.05%	0.007%
53	10.122	2806	2809	2814	rBV7	2526	2391	0.10%	0.014%
54	10.177	2824	2826	2829	rBV4	1326	1009	0.04%	0.006%
55	10.254	2839	2850	2870	rBV	657992	1036463	42.03%	6.040%
56	10.502	2924	2927	2928	rBV3	1262	724	0.03%	0.004%
57	10.540	2936	2939	2941	rVB3	1220	748	0.03%	0.004%
58	10.582	2947	2952	2961	rVB3	4126	5442	0.22%	0.032%
59	10.679	2977	2982	2984	rBV4	1268	1051	0.04%	0.006%
60	10.736	2994	3000	3002	rBV6	1286	1185	0.05%	0.007%
61	10.855	3033	3037	3039	rBV4	1676	1073	0.04%	0.006%
62	10.875	3039	3043	3045	rBV4	1420	934	0.04%	0.005%
63	10.952	3061	3067	3068	rBV3	4400	2928	0.12%	0.017%
64	11.055	3096	3099	3101	rBV4	1278	660	0.03%	0.004%
65	11.103	3110	3114	3120	rVV9	1521	1647	0.07%	0.010%
66	11.132	3120	3123	3125	rVB2	1105	602	0.02%	0.004%
67	11.158	3128	3131	3134	rVB2	1886	1077	0.04%	0.006%
68	11.177	3134	3137	3141	rBV4	1416	1349	0.05%	0.008%
69	11.222	3141	3151	3159	rBV6	6940	13288	0.54%	0.077%
70	11.289	3160	3172	3194	rVV	872875	1363105	55.28%	7.943%
71	11.386	3200	3202	3203	rBV2	2013	896	0.04%	0.005%

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72	11.588	3261	3265	3266	rBV3	1846	1367	0.06%	0.008%
73	11.666	3275	3289	3304	rBV	994389	1569668	63.66%	9.147%
74	11.900	3358	3362	3366	rBV5	2513	2372	0.10%	0.014%
75	11.965	3378	3382	3388	rBV8	1441	1462	0.06%	0.009%
76	12.019	3397	3399	3400	rBV	1126	447	0.02%	0.003%
77	12.048	3405	3408	3410	rVB4	1262	747	0.03%	0.004%
78	12.334	3493	3497	3500	rBV4	1689	1504	0.06%	0.009%
79	12.373	3505	3509	3510	rBV4	1045	716	0.03%	0.004%
80	12.415	3519	3522	3524	rBV3	1498	1042	0.04%	0.006%
81	12.511	3549	3552	3554	rBV3	1156	543	0.02%	0.003%
82	12.547	3561	3563	3565	rVB3	1420	564	0.02%	0.003%
83	12.595	3572	3578	3588	rVB10	3123	4551	0.18%	0.027%
84	12.640	3588	3592	3594	rBV4	1781	1355	0.05%	0.008%
85	12.691	3600	3608	3619	rVB6	12641	20843	0.85%	0.121%
86	12.797	3635	3641	3643	rBV8	2494	2192	0.09%	0.013%
87	12.839	3652	3654	3655	rBV2	1151	553	0.02%	0.003%
88	12.865	3661	3662	3665	rVB3	1013	469	0.02%	0.003%
89	12.942	3684	3686	3689	rBV4	934	525	0.02%	0.003%
90	13.039	3714	3716	3722	rBV7	1203	1102	0.04%	0.006%
91	13.087	3728	3731	3735	rBV4	1677	1517	0.06%	0.009%
92	13.248	3779	3781	3785	rBV4	1627	1050	0.04%	0.006%
93	13.309	3793	3800	3809	rBV4	12253	20330	0.82%	0.118%
94	13.514	3861	3864	3867	rBV4	1499	1306	0.05%	0.008%
95	13.553	3867	3876	3886	rVV3	14010	27095	1.10%	0.158%
96	13.675	3912	3914	3917	rBV3	1302	870	0.04%	0.005%
97	13.990	4008	4012	4014	rBV3	1371	1000	0.04%	0.006%
98	14.157	4061	4064	4070	rVB6	2212	1588	0.06%	0.009%
99	14.190	4071	4074	4076	rBV3	1547	839	0.03%	0.005%
100	14.231	4085	4087	4090	rBV4	1526	1063	0.04%	0.006%

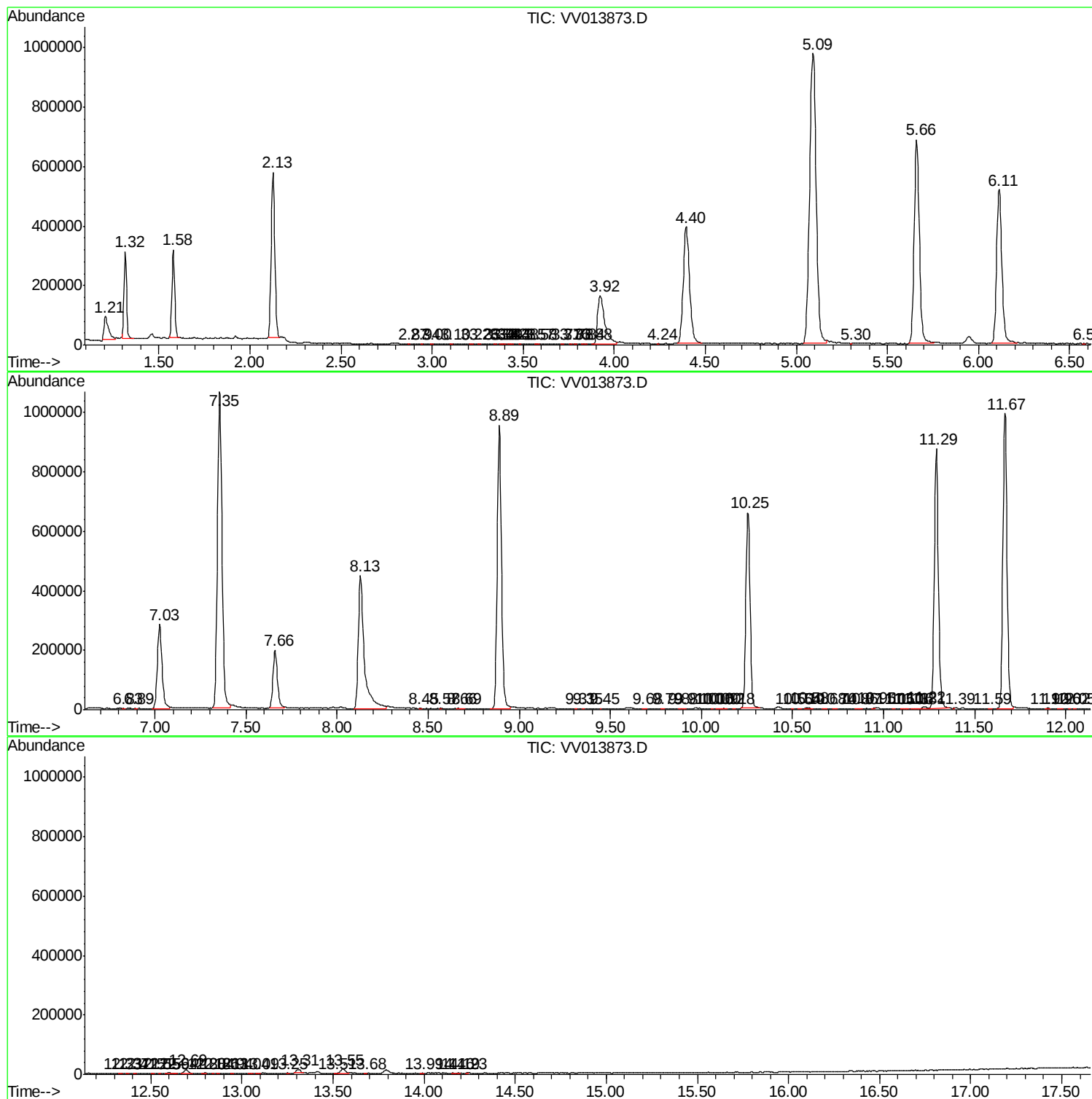
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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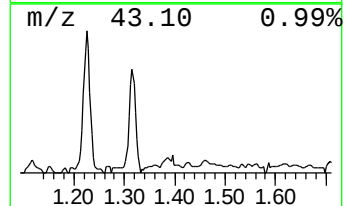
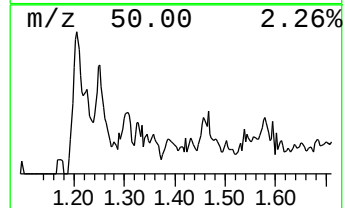
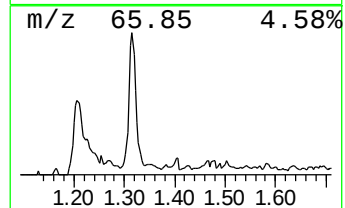
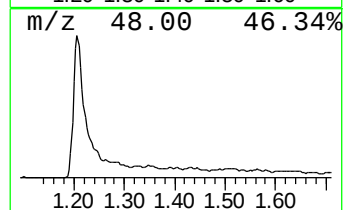
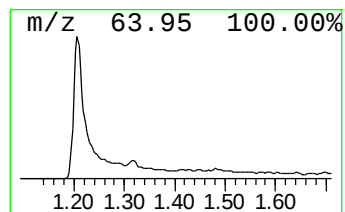
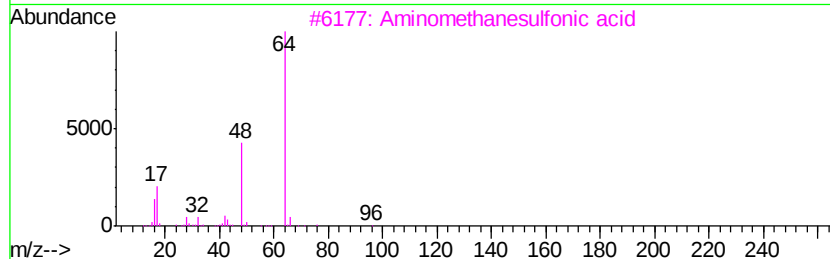
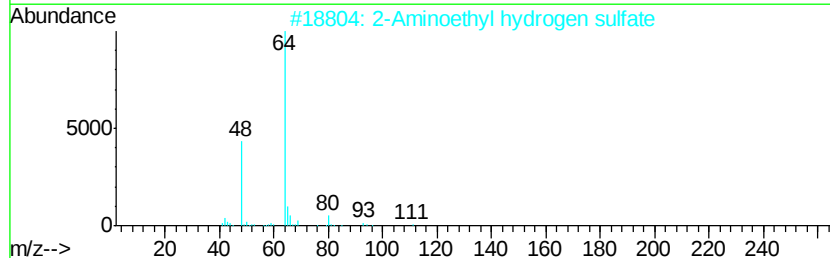
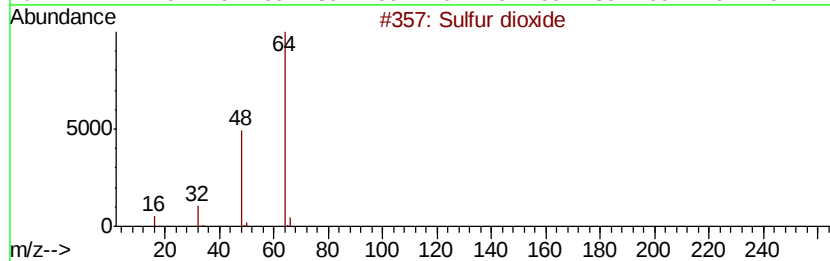
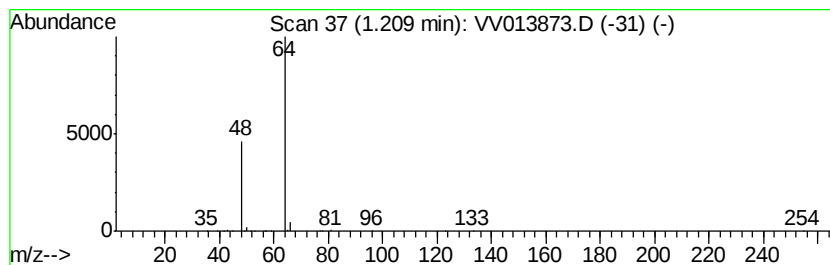
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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	4.81 ug/L	130357	1,4-Difluorobenzene	5.66

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfur dioxide	64	O2S	007446-09-5	83
2		2-Aminoethyl hydrogen sulfate	141	C2H7N04S	000926-39-6	74
3		Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	74
4		L-Alanine, 3-sulfo-	169	C3H7N05S	000498-40-8	9
5		Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	9



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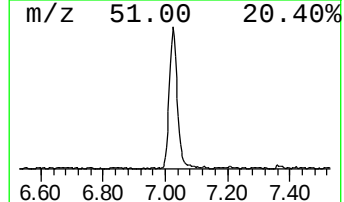
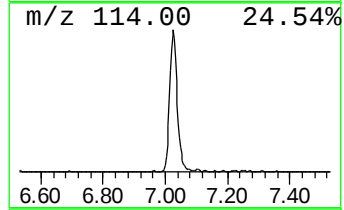
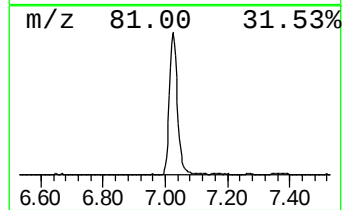
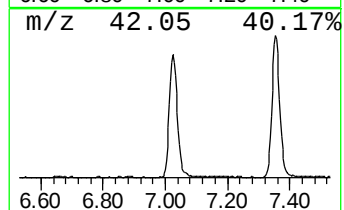
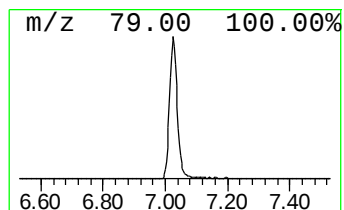
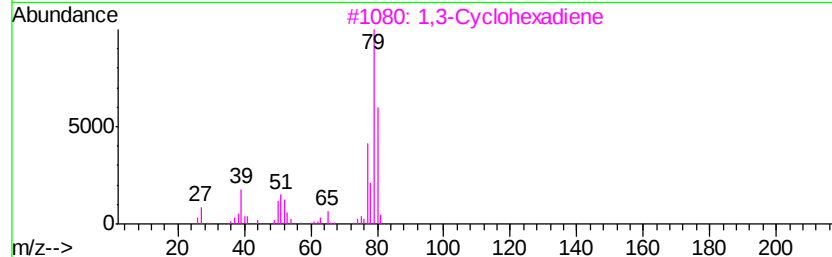
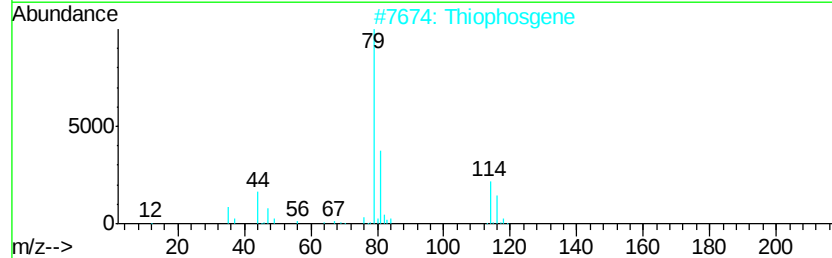
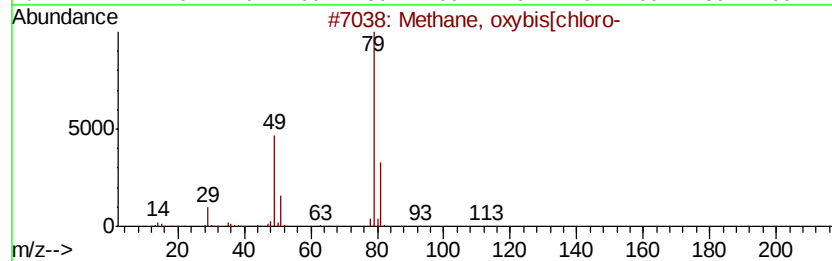
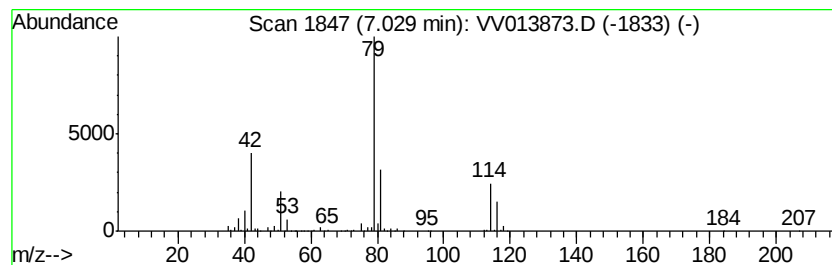
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Quant Title : VOC Analysis

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

Peak Number 2 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	18.74 ug/L	507494	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	47
2		Thiophosgene	114	CCl2S	000463-71-8	38
3		1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
4		2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23
5		3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	9



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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	4.8	ug/L	130357	1	5.66	1353860	50.0
unknown-01	7.03	18.7	ug/L	507494	1	5.66	1353860	50.0