

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120319\
 Data File : VV013895.D
 Acq On : 03 Dec 2019 15:55
 Operator : SY/MD
 Sample : K6028-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AB0

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	1.216	33	39	47	rBV2	45010	74316	3.10%	0.429%
2	1.315	65	70	82	rVB	299673	291311	12.16%	1.680%
3	1.569	143	149	161	rVB	308048	349814	14.60%	2.017%
4	2.122	313	321	335	rVB	612194	851534	35.54%	4.910%
5	2.576	459	462	463	rBV2	1360	647	0.03%	0.004%
6	2.624	475	477	480	rBV4	1417	676	0.03%	0.004%
7	2.759	517	519	521	rBV2	2053	1022	0.04%	0.006%
8	2.772	521	523	526	rVV3	1431	1127	0.05%	0.006%
9	2.920	567	569	571	rBV2	1403	742	0.03%	0.004%
10	2.971	582	585	586	rBV3	1519	650	0.03%	0.004%
11	3.074	613	617	619	rBV3	1036	783	0.03%	0.005%
12	3.161	641	644	647	rBV3	1055	842	0.04%	0.005%
13	3.306	687	689	690	rBV2	1022	410	0.02%	0.002%
14	3.360	703	706	712	rBV7	1110	1018	0.04%	0.006%
15	3.444	730	732	735	rBV4	1146	794	0.03%	0.005%
16	3.460	735	737	740	rVV3	1327	854	0.04%	0.005%
17	3.508	749	752	755	rBV3	1311	851	0.04%	0.005%
18	3.547	761	764	765	rBV3	875	463	0.02%	0.003%
19	3.598	778	780	784	rVB4	891	475	0.02%	0.003%
20	3.618	784	786	788	rBV3	1034	629	0.03%	0.004%
21	3.640	791	793	795	rBV2	737	386	0.02%	0.002%
22	3.663	799	800	805	rVB3	828	400	0.02%	0.002%
23	3.688	805	808	811	rVB3	1157	727	0.03%	0.004%
24	3.704	811	813	818	rBV5	1195	1057	0.04%	0.006%
25	3.724	818	819	822	rVB3	1330	449	0.02%	0.003%
26	3.749	822	827	831	rBV7	1601	1627	0.07%	0.009%
27	3.794	839	841	842	rBV2	1781	751	0.03%	0.004%
28	3.923	868	881	910	rBV	178370	502587	20.98%	2.898%
29	4.309	998	1001	1003	rBV3	1283	729	0.03%	0.004%
30	4.392	1009	1027	1053	rBV	416876	1005857	41.98%	5.800%
31	4.643	1102	1105	1113	rBV9	1867	2853	0.12%	0.016%
32	4.814	1156	1158	1161	rVB5	1329	546	0.02%	0.003%
33	4.830	1161	1163	1167	rVB3	1382	719	0.03%	0.004%
34	4.929	1188	1194	1198	rBV7	1627	2112	0.09%	0.012%

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35	4.987	1211	1212	1215	rBV3	947	597	0.02%	0.003%
36	5.013	1218	1220	1222	rBV2	753	479	0.02%	0.003%
37	5.087	1226	1243	1267	rBV2	949879	2395822	100.00%	13.815%
38	5.418	1343	1346	1350	rBV4	1518	1241	0.05%	0.007%
39	5.572	1392	1394	1396	rBV3	1200	488	0.02%	0.003%
40	5.656	1407	1420	1441	rBV	639574	1269317	52.98%	7.319%
41	5.945	1497	1510	1523	rBV3	43309	92158	3.85%	0.531%
42	6.109	1549	1561	1584	rBV	543774	1077432	44.97%	6.213%
43	6.495	1678	1681	1683	rBV3	1023	709	0.03%	0.004%
44	6.560	1697	1701	1704	rBV4	1398	1355	0.06%	0.008%
45	6.621	1718	1720	1722	rBV3	1426	646	0.03%	0.004%
46	6.781	1768	1770	1771	rBV2	1266	514	0.02%	0.003%
47	6.804	1774	1777	1781	rVB5	1374	1129	0.05%	0.007%
48	6.897	1802	1806	1807	rBV3	925	698	0.03%	0.004%
49	6.965	1823	1827	1830	rBV4	1769	1578	0.07%	0.009%
50	7.023	1835	1845	1863	rVV	280805	495880	20.70%	2.859%
51	7.267	1918	1921	1928	rBV6	1251	1262	0.05%	0.007%
52	7.293	1928	1929	1931	rBV2	1229	517	0.02%	0.003%
53	7.354	1935	1948	1982	rBV	1092408	1884908	78.67%	10.869%
54	7.659	2033	2043	2064	rVB	204122	346211	14.45%	1.996%
55	7.887	2112	2114	2115	rBV2	1399	652	0.03%	0.004%
56	7.955	2133	2135	2137	rBV3	1182	489	0.02%	0.003%
57	8.125	2178	2188	2224	rBV2	506633	1081290	45.13%	6.235%
58	8.550	2317	2320	2321	rBV3	1358	704	0.03%	0.004%
59	8.691	2357	2364	2369	rBV10	1621	2120	0.09%	0.012%
60	8.762	2381	2386	2388	rBV4	1631	1228	0.05%	0.007%
61	8.839	2407	2410	2413	rBV4	1431	1293	0.05%	0.007%
62	8.891	2413	2426	2446	rBV	937915	1495495	62.42%	8.623%
63	9.125	2497	2499	2500	rBV2	1225	421	0.02%	0.002%
64	9.244	2534	2536	2538	rBV2	1183	599	0.03%	0.003%
65	9.286	2543	2549	2552	rBV7	2314	2960	0.12%	0.017%
66	9.383	2576	2579	2582	rBV3	1927	1477	0.06%	0.009%
67	9.495	2611	2614	2617	rBV4	1303	885	0.04%	0.005%
68	9.739	2688	2690	2692	rBV3	1058	512	0.02%	0.003%
69	9.826	2714	2717	2720	rBV5	1365	1141	0.05%	0.007%
70	9.846	2720	2723	2725	rVV4	1618	923	0.04%	0.005%
71	9.920	2744	2746	2751	rVB4	1306	1007	0.04%	0.006%

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72	10.006	2767	2773	2779	rVB9	1687	2268	0.09%	0.013%
73	10.100	2799	2802	2804	rBV3	1108	612	0.03%	0.004%
74	10.112	2804	2806	2809	rBV4	1683	1029	0.04%	0.006%
75	10.254	2838	2850	2870	rBV	742104	1165941	48.67%	6.723%
76	10.366	2883	2885	2890	rVB6	1478	884	0.04%	0.005%
77	10.460	2912	2914	2918	rBV4	1258	817	0.03%	0.005%
78	10.495	2922	2925	2928	rVV3	1450	778	0.03%	0.004%
79	10.530	2934	2936	2938	rBV2	1426	881	0.04%	0.005%
80	10.620	2962	2964	2967	rVB3	1656	652	0.03%	0.004%
81	10.739	2997	3001	3003	rBV4	1288	795	0.03%	0.005%
82	10.862	3036	3039	3041	rBV4	1012	573	0.02%	0.003%
83	10.878	3041	3044	3047	rBV4	2058	1254	0.05%	0.007%
84	10.997	3079	3081	3083	rVB4	1126	555	0.02%	0.003%
85	11.045	3094	3096	3097	rBV2	1513	524	0.02%	0.003%
86	11.087	3107	3109	3111	rBV3	1036	444	0.02%	0.003%
87	11.151	3126	3129	3130	rBV3	1463	795	0.03%	0.005%
88	11.289	3159	3172	3192	rBV	782246	1219396	50.90%	7.031%
89	11.665	3277	3289	3308	rBV	1057602	1665608	69.52%	9.604%
90	12.180	3447	3449	3450	rBV2	1149	476	0.02%	0.003%
91	12.212	3457	3459	3460	rBV3	2528	1145	0.05%	0.007%
92	12.257	3471	3473	3475	rBV2	2006	1067	0.04%	0.006%
93	12.357	3502	3504	3508	rBV4	1378	1040	0.04%	0.006%
94	12.518	3551	3554	3555	rBV3	1371	900	0.04%	0.005%
95	12.813	3641	3646	3649	rBV7	1480	1727	0.07%	0.010%
96	12.871	3659	3664	3666	rBV6	2065	2133	0.09%	0.012%
97	13.148	3748	3750	3752	rBV2	1279	550	0.02%	0.003%
98	13.800	3951	3953	3956	rBV3	2842	1488	0.06%	0.009%
99	13.858	3968	3971	3973	rBV3	1907	1310	0.05%	0.008%
100	14.183	4069	4072	4073	rBV3	2011	1083	0.05%	0.006%

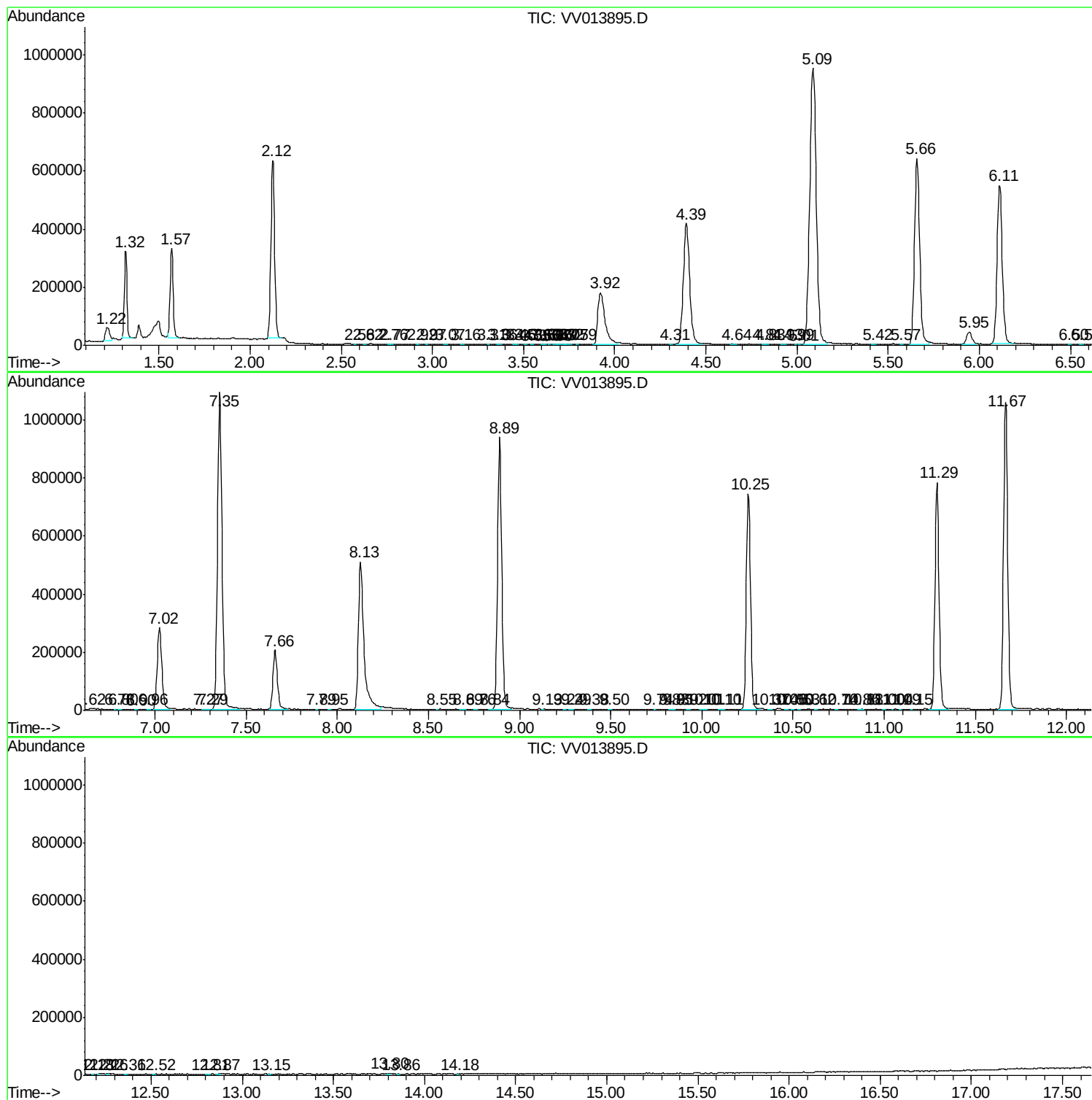
Sum of corrected areas: 17342620

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

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



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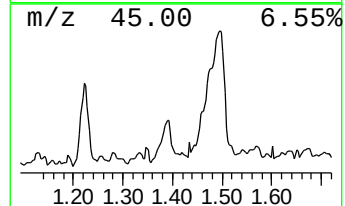
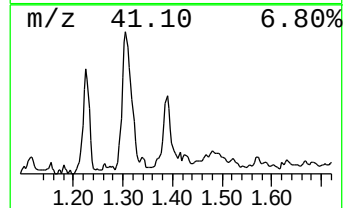
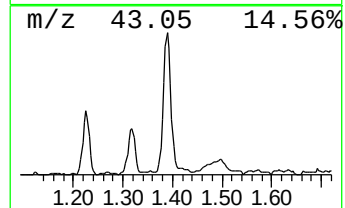
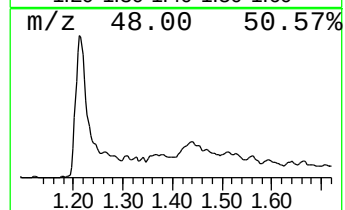
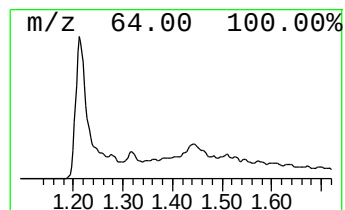
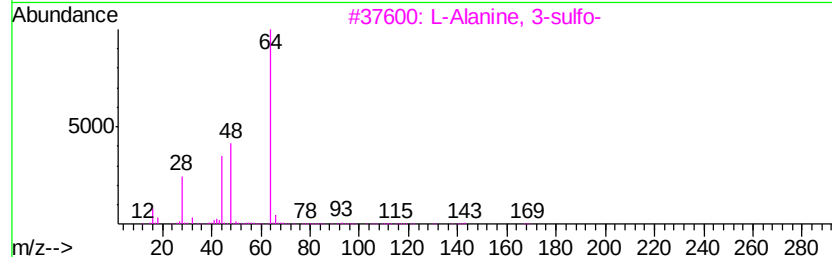
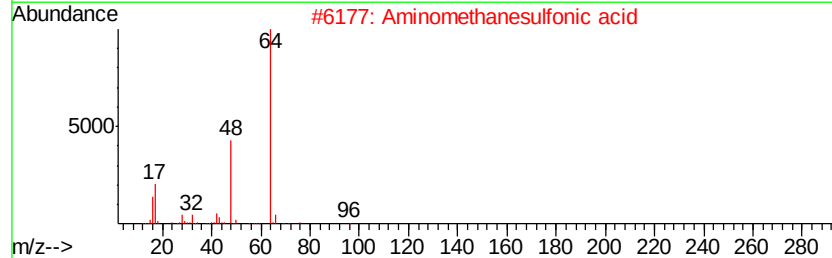
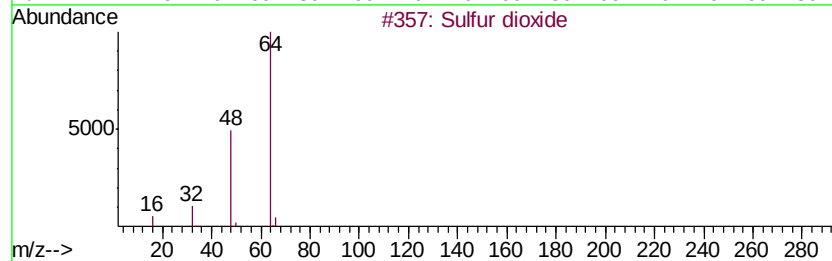
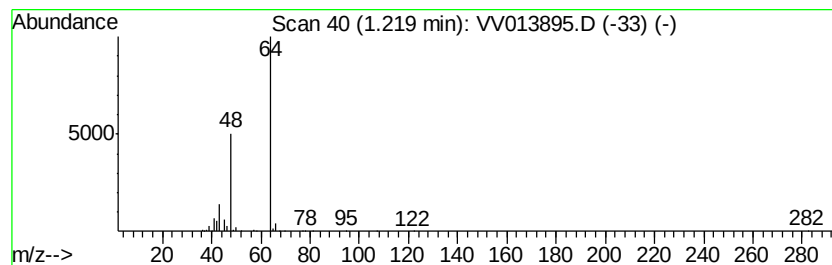
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	2.93 ug/L	74316	1,4-Difluorobenzene	5.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfur dioxide	64 O2S	007446-09-5 90
2		Aminomethanesulfonic acid	111 CH5N03S	013881-91-9 74
3		L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8 64
4		Aminomethanesulfonic acid	111 CH5N03S	013881-91-9 64
5		L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8 25



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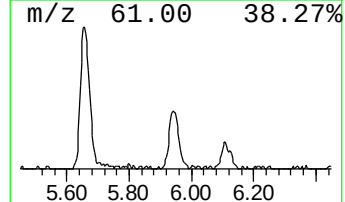
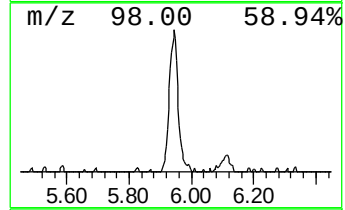
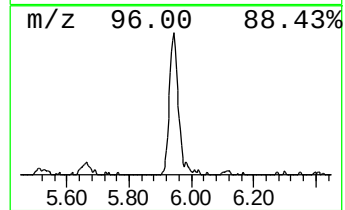
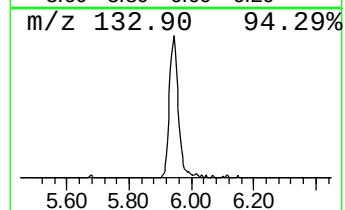
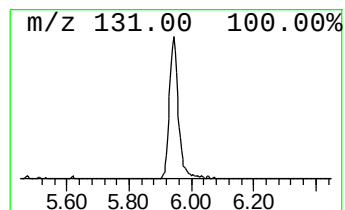
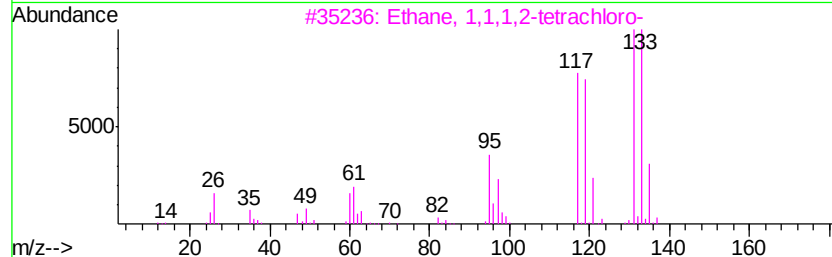
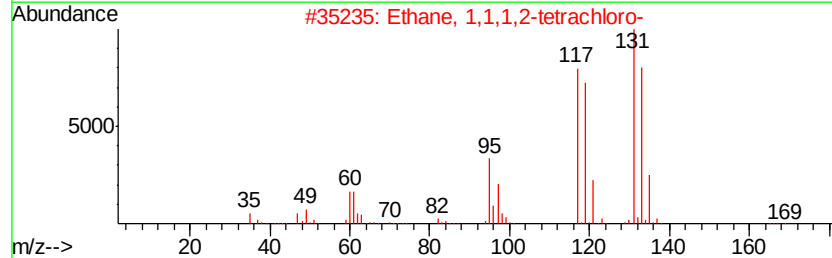
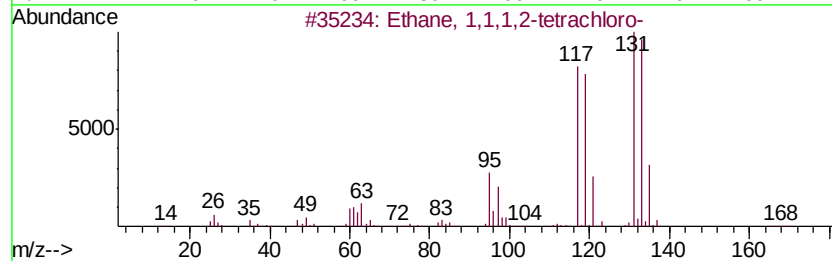
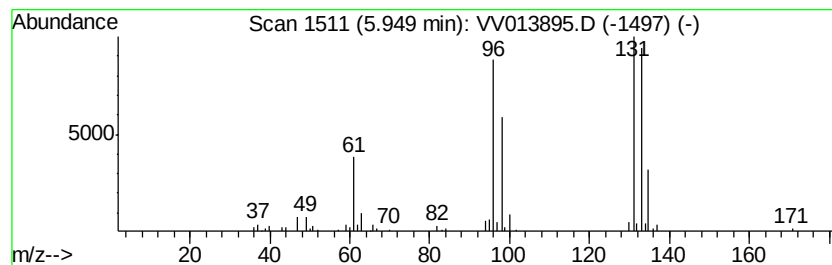
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Quant Title : VOC Analysis

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

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	3.63 ug/L	92158	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	28
2		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	28
3		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	28
4		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	28
5		Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	27



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.22	2.9	ug/L	74316	1	5.66	1269320	50.0
unknown-01	5.95	3.6	ug/L	92158	1	5.66	1269320	50.0