

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120319\
 Data File : VV013897.D
 Acq On : 03 Dec 2019 16:44
 Operator : SY/MD
 Sample : K6028-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

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	1.209	31	37	47	rBV2	69857	135151	5.95%	0.800%
2	1.315	65	70	84	rVB	291173	288495	12.70%	1.707%
3	2.116	311	319	334	rVB	513621	716471	31.54%	4.239%
4	2.489	433	435	437	rBV3	1336	794	0.03%	0.005%
5	2.573	459	461	465	rBV4	1522	1325	0.06%	0.008%
6	2.608	469	472	474	rBV4	1142	820	0.04%	0.005%
7	2.846	543	546	548	rBV3	1109	720	0.03%	0.004%
8	2.936	572	574	575	rBV2	861	402	0.02%	0.002%
9	2.981	585	588	591	rBV3	1762	1153	0.05%	0.007%
10	3.003	591	595	598	rVV5	1926	1488	0.07%	0.009%
11	3.032	602	604	609	rBV5	1794	1572	0.07%	0.009%
12	3.106	625	627	629	rBV3	914	496	0.02%	0.003%
13	3.167	644	646	648	rBV3	1023	312	0.01%	0.002%
14	3.222	660	663	664	rBV3	1109	551	0.02%	0.003%
15	3.241	666	669	670	rVV3	1817	976	0.04%	0.006%
16	3.264	674	676	679	rVB2	1729	788	0.03%	0.005%
17	3.283	679	682	683	rBV3	706	488	0.02%	0.003%
18	3.306	686	689	690	rBV2	759	389	0.02%	0.002%
19	3.319	690	693	695	rVB4	1865	1111	0.05%	0.007%
20	3.331	695	697	699	rBV3	546	254	0.01%	0.002%
21	3.344	699	701	702	rBV2	915	335	0.01%	0.002%
22	3.360	702	706	707	rBV3	820	501	0.02%	0.003%
23	3.402	717	719	721	rVB3	1725	611	0.03%	0.004%
24	3.466	738	739	740	rBV	681	242	0.01%	0.001%
25	3.479	741	743	746	rVV4	1395	724	0.03%	0.004%
26	3.502	747	750	754	rVV5	1522	1110	0.05%	0.007%
27	3.521	754	756	760	rVB4	1065	787	0.03%	0.005%
28	3.544	760	763	767	rBV4	1499	1252	0.06%	0.007%
29	3.563	767	769	771	rVB3	757	323	0.01%	0.002%
30	3.576	771	773	776	rBV2	1480	1062	0.05%	0.006%
31	3.592	776	778	780	rBV3	1079	437	0.02%	0.003%
32	3.630	788	790	792	rBV2	865	306	0.01%	0.002%
33	3.653	795	797	799	rBV3	767	418	0.02%	0.002%
34	3.740	822	824	825	rBV2	776	240	0.01%	0.001%

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 Title : VOC Analysis

35	3.782	835	837	839	rVB3	769	369	0.02%	0.002%
36	3.807	839	845	849	rBV8	1350	1535	0.07%	0.009%
37	3.827	849	851	852	rVV2	694	227	0.01%	0.001%
38	3.875	864	866	868	rBV3	1020	337	0.01%	0.002%
39	3.923	870	881	911	rBV2	166823	475023	20.91%	2.811%
40	4.392	1012	1027	1047	rBV	367136	889409	39.16%	5.262%
41	4.646	1103	1106	1111	rVB6	1703	1475	0.06%	0.009%
42	4.688	1115	1119	1120	rBV4	1801	1342	0.06%	0.008%
43	4.804	1152	1155	1158	rBV4	1021	638	0.03%	0.004%
44	4.823	1158	1161	1164	rBV4	1958	1390	0.06%	0.008%
45	4.875	1173	1177	1179	rVB5	1207	757	0.03%	0.004%
46	4.978	1206	1209	1211	rBV3	1508	1042	0.05%	0.006%
47	5.087	1226	1243	1266	rBV2	920860	2271318	100.00%	13.439%
48	5.505	1372	1373	1377	rBV4	1515	1002	0.04%	0.006%
49	5.656	1407	1420	1443	rBV	757328	1500771	66.07%	8.880%
50	5.939	1499	1508	1522	rBV	42729	87578	3.86%	0.518%
51	6.109	1549	1561	1584	rVB	506424	1006912	44.33%	5.958%
52	6.453	1664	1668	1670	rBV5	1961	1425	0.06%	0.008%
53	6.521	1685	1689	1693	rBV6	2146	1955	0.09%	0.012%
54	6.540	1693	1695	1697	rBV2	1953	969	0.04%	0.006%
55	6.588	1708	1710	1711	rBV2	974	241	0.01%	0.001%
56	6.643	1724	1727	1728	rBV3	2184	1246	0.05%	0.007%
57	7.023	1834	1845	1870	rBV	254687	455164	20.04%	2.693%
58	7.354	1936	1948	1969	rBV	1018481	1738362	76.54%	10.285%
59	7.659	2033	2043	2059	rBV	187641	312196	13.75%	1.847%
60	7.916	2121	2123	2128	rBV5	2612	2241	0.10%	0.013%
61	8.129	2178	2189	2225	rBV2	499239	1131731	49.83%	6.696%
62	8.617	2339	2341	2342	rBV2	1380	685	0.03%	0.004%
63	8.762	2383	2386	2387	rBV3	1407	737	0.03%	0.004%
64	8.791	2393	2395	2398	rVB3	2146	987	0.04%	0.006%
65	8.891	2415	2426	2446	rBV	1073561	1712761	75.41%	10.134%
66	9.286	2547	2549	2550	rBV	1458	565	0.02%	0.003%
67	9.350	2568	2569	2577	rVV7	1793	1588	0.07%	0.009%
68	9.399	2580	2584	2587	rBV4	1184	947	0.04%	0.006%
69	9.412	2587	2588	2590	rBV2	817	331	0.01%	0.002%
70	9.556	2631	2633	2636	rVB4	2347	1088	0.05%	0.006%
71	9.582	2639	2641	2643	rBV3	2046	1252	0.06%	0.007%

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72	9.656	2661	2664	2667	rBV3	1629	1234	0.05%	0.007%
73	9.688	2672	2674	2676	rBV4	1756	803	0.04%	0.005%
74	9.727	2684	2686	2690	rBV4	1605	1220	0.05%	0.007%
75	10.183	2825	2828	2831	rBV4	1719	1406	0.06%	0.008%
76	10.257	2838	2851	2869	rBV	696168	1103708	48.59%	6.530%
77	10.405	2896	2897	2899	rBV2	1055	514	0.02%	0.003%
78	10.547	2939	2941	2942	rBV	672	265	0.01%	0.002%
79	10.553	2942	2943	2945	rVB2	1272	388	0.02%	0.002%
80	10.582	2946	2952	2956	rBV9	2429	2572	0.11%	0.015%
81	10.659	2974	2976	2980	rBV5	1080	905	0.04%	0.005%
82	10.762	3006	3008	3009	rBV2	1156	574	0.03%	0.003%
83	11.019	3085	3088	3090	rBV3	1203	855	0.04%	0.005%
84	11.289	3159	3172	3190	rBV	904917	1415303	62.31%	8.374%
85	11.614	3267	3273	3276	rBV7	2265	2698	0.12%	0.016%
86	11.665	3278	3289	3308	rVV	1030305	1589727	69.99%	9.406%
87	11.897	3357	3361	3365	rBV6	1994	2353	0.10%	0.014%
88	12.170	3442	3446	3448	rBV4	1248	880	0.04%	0.005%
89	12.357	3500	3504	3506	rBV4	1286	923	0.04%	0.005%
90	12.852	3656	3658	3661	rBV4	2033	1112	0.05%	0.007%
91	12.929	3679	3682	3683	rBV3	2101	1002	0.04%	0.006%
92	12.987	3698	3700	3704	rVB4	2099	1271	0.06%	0.008%
93	13.424	3834	3836	3838	rBV3	1405	745	0.03%	0.004%
94	13.958	4000	4002	4004	rBV2	1877	1227	0.05%	0.007%

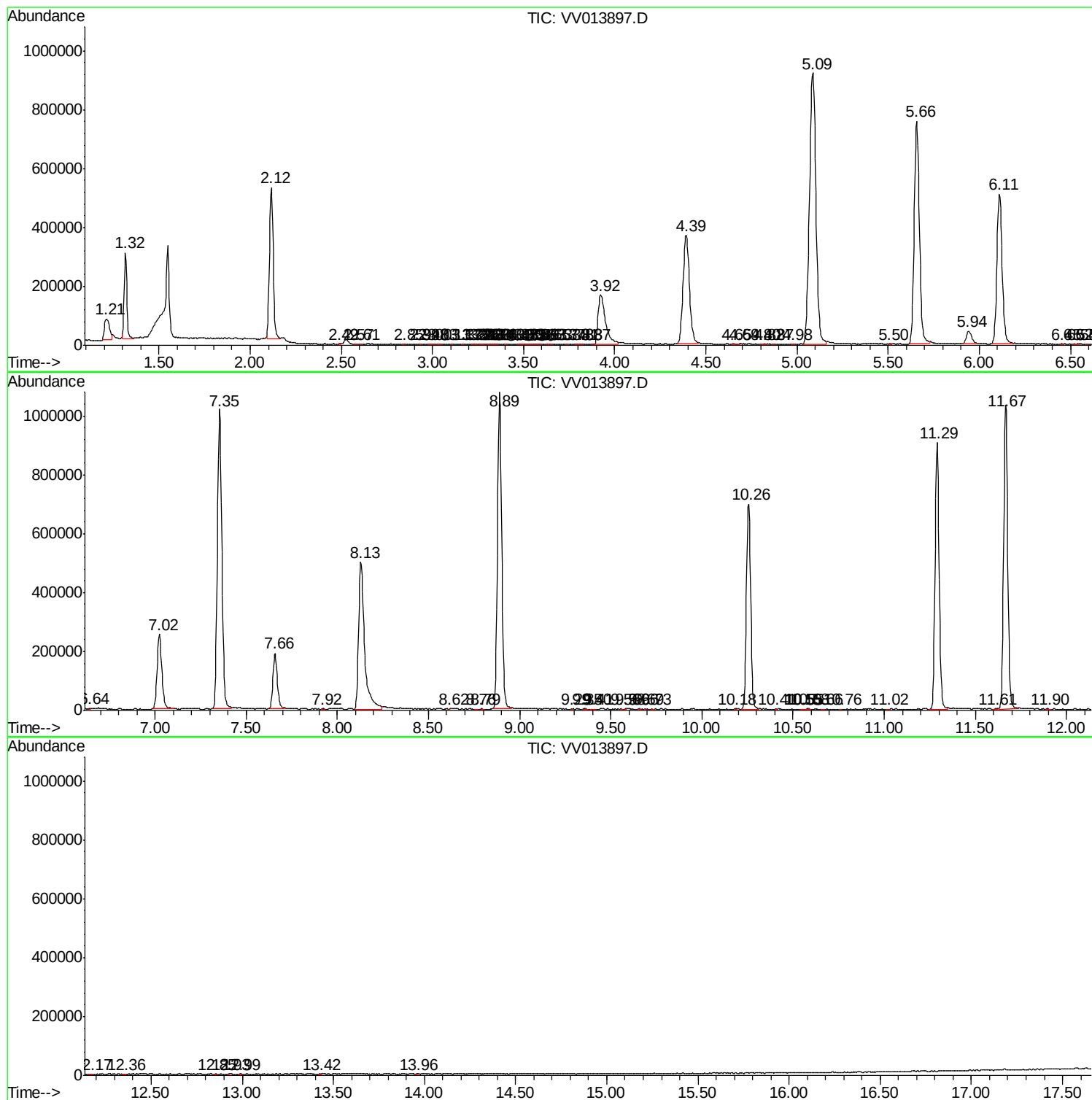
Sum of corrected areas: 16901385

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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



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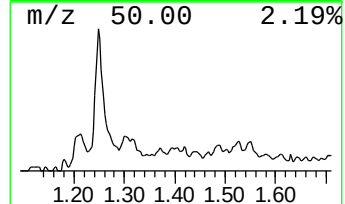
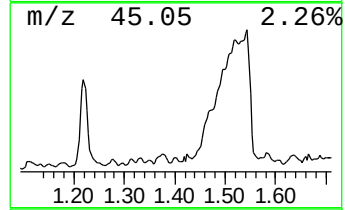
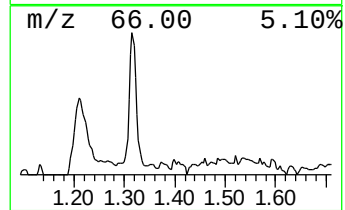
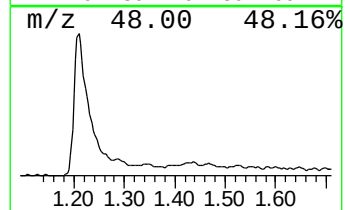
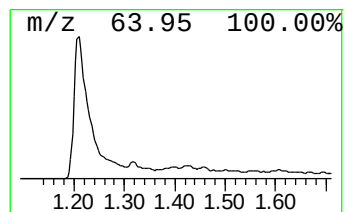
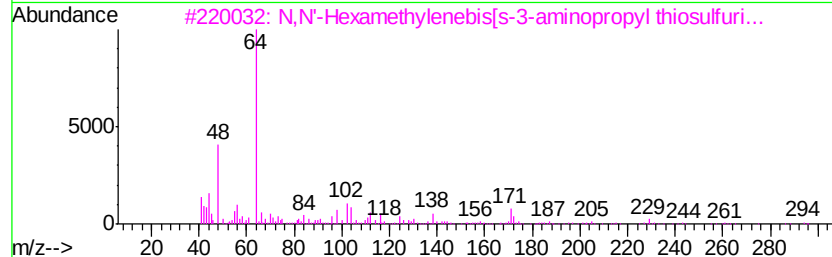
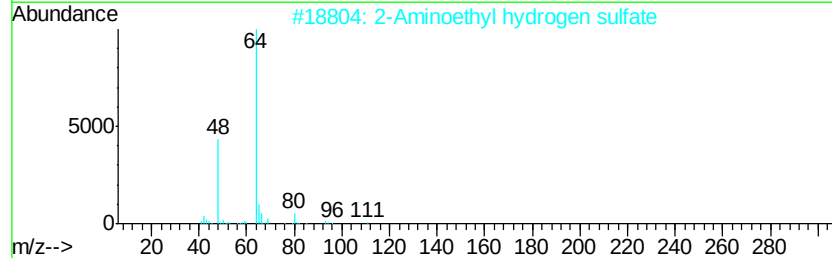
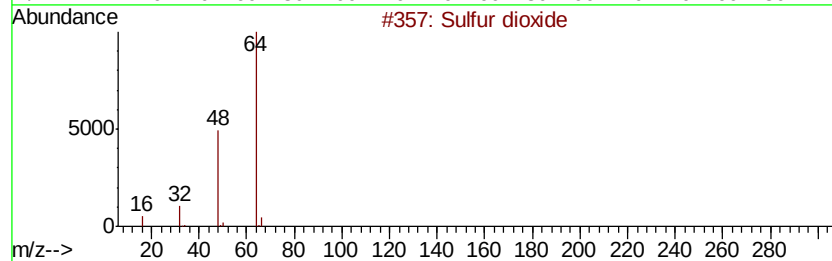
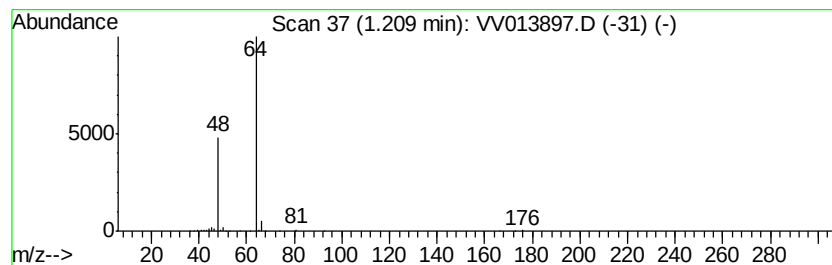
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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	4.50 ug/L	135151	1,4-Difluorobenzene	5.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfur dioxide	64 O2S	007446-09-5 90
2		2-Aminoethyl hydrogen sulfate	141 C2H7NO4S	000926-39-6 83
3		N,N'-Hexamethylenebis[s-3-aminopropyl thiosulfuric acid]	424 C12H28N2O6S4	035871-55-7 74
4		(N-(2-Acetamido))-2-aminoethane sulfonic acid	182 C4H10N2O4S	007365-82-4 64
5		Aminomethanesulfonic acid	111 CH5NO3S	013881-91-9 64



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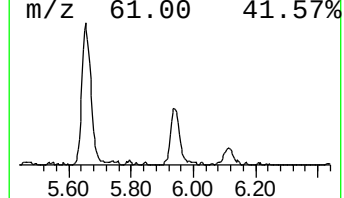
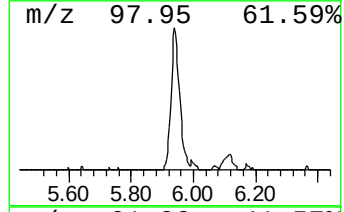
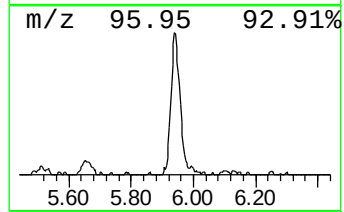
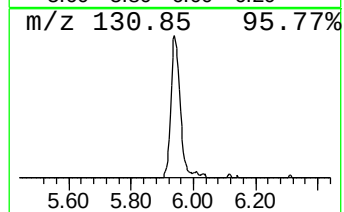
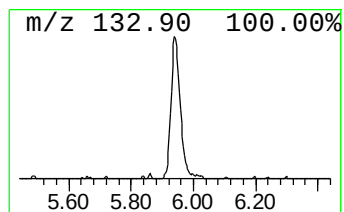
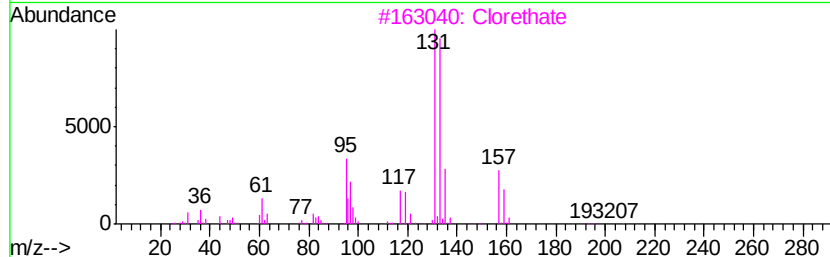
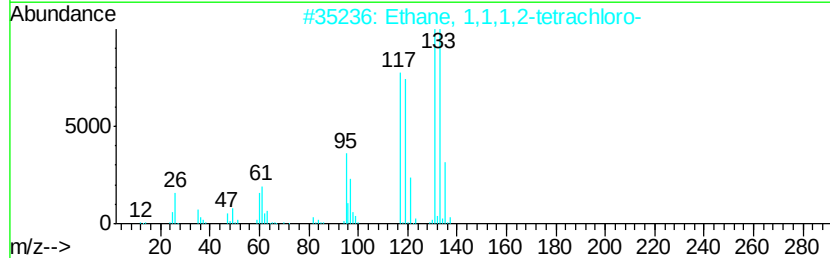
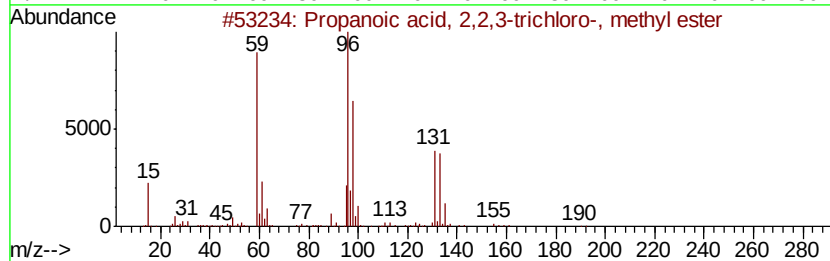
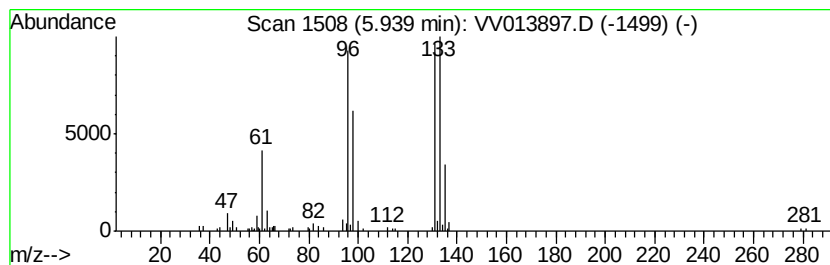
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Quant Title : VOC Analysis

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

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	2.92 ug/L	87578	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	40
2		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	38
3		Clorethate	322	C5H4Cl6O3	005634-37-7	37
4		Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	27
5		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	4.5	ug/L	135151	1	5.66	1500770	50.0
unknown-01	5.94	2.9	ug/L	87578	1	5.66	1500770	50.0