

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121418\
 Data File : VV008963.D
 Acq On : 15 Dec 2018 04:39
 Operator : SY/MD
 Sample : J6369-17
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0LA1

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\SOMVLM121318WMA.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	1.322	66	72	92	rVB	73835	81642	11.68%	1.532%
2	1.563	141	147	162	rVB	56133	68754	9.84%	1.290%
3	2.129	313	323	336	rBV	187877	265468	37.98%	4.981%
4	2.315	374	381	402	rVB2	7684	19124	2.74%	0.359%
5	2.540	448	451	455	rVB	406	308	0.04%	0.006%
6	2.653	475	486	506	rVB2	10682	23683	3.39%	0.444%
7	2.740	511	513	515	rBV	179	104	0.01%	0.002%
8	2.852	547	548	549	rBV	247	85	0.01%	0.002%
9	2.884	555	558	561	rBV2	133	93	0.01%	0.002%
10	2.958	578	581	585	rVB	263	189	0.03%	0.004%
11	3.251	669	672	680	rBV	216	270	0.04%	0.005%
12	3.293	680	685	689	rBV2	144	188	0.03%	0.004%
13	3.331	695	697	699	rBV	202	105	0.02%	0.002%
14	3.463	735	738	743	rVB	172	107	0.02%	0.002%
15	3.547	761	764	766	rBV	151	100	0.01%	0.002%
16	3.634	788	791	794	rBV2	168	128	0.02%	0.002%
17	3.740	822	824	825	rBV	289	155	0.02%	0.003%
18	3.849	854	858	861	rVB2	156	114	0.02%	0.002%
19	3.933	870	884	913	rBV	52225	155619	22.26%	2.920%
20	4.405	1013	1031	1053	rVV	113050	274486	39.27%	5.150%
21	4.534	1068	1071	1073	rBV2	241	162	0.02%	0.003%
22	4.608	1092	1094	1097	rVB2	391	217	0.03%	0.004%
23	4.643	1102	1105	1111	rBV2	188	265	0.04%	0.005%
24	4.688	1117	1119	1123	rVB	160	127	0.02%	0.002%
25	4.727	1127	1131	1133	rVB2	165	110	0.02%	0.002%
26	4.801	1151	1154	1156	rBV	236	153	0.02%	0.003%
27	4.891	1179	1182	1186	rBV2	284	233	0.03%	0.004%
28	4.990	1210	1213	1214	rBV	144	95	0.01%	0.002%
29	5.097	1228	1246	1272	rBV2	272687	699002	100.00%	13.114%
30	5.302	1305	1310	1315	rBV3	376	449	0.06%	0.008%
31	5.360	1325	1328	1330	rVB2	247	140	0.02%	0.003%
32	5.608	1402	1405	1408	rBV	185	84	0.01%	0.002%
33	5.666	1408	1423	1449	rBV	222783	453858	64.93%	8.515%
34	5.949	1499	1511	1526	rVB	15754	30506	4.36%	0.572%

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35	6.026	1530	1535	1537	rBV	199	192	0.03%	0.004%
36	6.119	1550	1564	1585	rBV	151429	310202	44.38%	5.820%
37	6.235	1598	1600	1602	rBV	200	113	0.02%	0.002%
38	6.383	1645	1646	1648	rBV	267	84	0.01%	0.002%
39	6.418	1654	1657	1659	rVB	163	91	0.01%	0.002%
40	6.476	1673	1675	1677	rBV	138	80	0.01%	0.002%
41	6.553	1696	1699	1701	rBV2	167	109	0.02%	0.002%
42	6.582	1706	1708	1711	rBV	234	157	0.02%	0.003%
43	6.656	1729	1731	1734	rBV	214	139	0.02%	0.003%
44	6.701	1741	1745	1754	rBV2	263	353	0.05%	0.007%
45	7.032	1836	1848	1864	rBV2	85516	149161	21.34%	2.799%
46	7.161	1885	1888	1889	rBV	300	141	0.02%	0.003%
47	7.270	1919	1922	1926	rVB2	295	253	0.04%	0.005%
48	7.293	1927	1929	1930	rBV	160	83	0.01%	0.002%
49	7.360	1937	1950	1973	rBV	324925	573777	82.09%	10.765%
50	7.601	2022	2025	2028	rBV	163	97	0.01%	0.002%
51	7.666	2031	2045	2064	rBV	60818	101226	14.48%	1.899%
52	7.785	2080	2082	2084	rVB2	267	145	0.02%	0.003%
53	7.817	2090	2092	2096	rBV2	338	174	0.02%	0.003%
54	7.836	2096	2098	2101	rVB	238	156	0.02%	0.003%
55	7.862	2101	2106	2109	rBV2	315	332	0.05%	0.006%
56	7.900	2115	2118	2122	rBV2	177	116	0.02%	0.002%
57	7.971	2137	2140	2142	rBV2	349	266	0.04%	0.005%
58	8.135	2177	2191	2219	rBV	154339	319210	45.67%	5.989%
59	8.367	2259	2263	2267	rBV2	174	156	0.02%	0.003%
60	8.389	2267	2270	2274	rVB	216	121	0.02%	0.002%
61	8.428	2279	2282	2284	rBV2	160	117	0.02%	0.002%
62	8.460	2290	2292	2297	rVB	270	240	0.03%	0.005%
63	8.489	2297	2301	2304	rBV2	355	319	0.05%	0.006%
64	8.505	2304	2306	2308	rBV	211	96	0.01%	0.002%
65	8.756	2383	2384	2386	rVB	233	85	0.01%	0.002%
66	8.768	2386	2388	2390	rBV	137	94	0.01%	0.002%
67	8.791	2391	2395	2399	rVV2	193	224	0.03%	0.004%
68	8.897	2415	2428	2457	rBV	330410	547117	78.27%	10.265%
69	9.051	2473	2476	2484	rBV2	154	173	0.02%	0.003%
70	9.238	2531	2534	2540	rVB	272	148	0.02%	0.003%
71	9.264	2540	2542	2543	rBV	178	81	0.01%	0.002%

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72	9.325	2558	2561	2566	rBV2	155	101	0.01%	0.002%
73	9.640	2656	2659	2663	rBV	195	116	0.02%	0.002%
74	9.958	2754	2758	2762	rBV2	176	193	0.03%	0.004%
75	10.019	2774	2777	2780	rBV2	152	117	0.02%	0.002%
76	10.093	2796	2800	2805	rBV	223	261	0.04%	0.005%
77	10.264	2841	2853	2873	rBV	190021	311995	44.63%	5.854%
78	10.350	2878	2880	2883	rBV2	178	125	0.02%	0.002%
79	10.431	2903	2905	2910	rVB	510	337	0.05%	0.006%
80	10.456	2910	2913	2915	rBV	191	159	0.02%	0.003%
81	10.489	2920	2923	2926	rBV	230	143	0.02%	0.003%
82	10.559	2943	2945	2951	rVB2	227	205	0.03%	0.004%
83	10.916	3054	3056	3059	rVB	178	102	0.01%	0.002%
84	10.939	3060	3063	3069	rVB	183	127	0.02%	0.002%
85	11.241	3154	3157	3161	rVB	312	195	0.03%	0.004%
86	11.299	3162	3175	3195	rBV	280100	462503	66.17%	8.677%
87	11.675	3280	3292	3314	rVB	280353	468786	67.07%	8.795%
88	11.971	3381	3384	3387	rBV	409	234	0.03%	0.004%
89	12.260	3473	3474	3478	rBV2	246	139	0.02%	0.003%
90	12.399	3514	3517	3518	rBV	183	105	0.02%	0.002%
91	12.582	3572	3574	3576	rBV	192	94	0.01%	0.002%
92	12.968	3691	3694	3696	rBV2	273	159	0.02%	0.003%
93	13.013	3706	3708	3713	rVB	290	224	0.03%	0.004%
94	13.038	3713	3716	3718	rBV	292	212	0.03%	0.004%
95	13.238	3774	3778	3781	rBV2	340	261	0.04%	0.005%
96	13.376	3819	3821	3825	rVB	286	156	0.02%	0.003%
97	13.501	3856	3860	3861	rBV	242	197	0.03%	0.004%
98	13.620	3894	3897	3899	rBV2	422	326	0.05%	0.006%
99	13.704	3921	3923	3929	rBV2	315	323	0.05%	0.006%
100	13.935	3992	3995	3999	rBV2	432	357	0.05%	0.007%

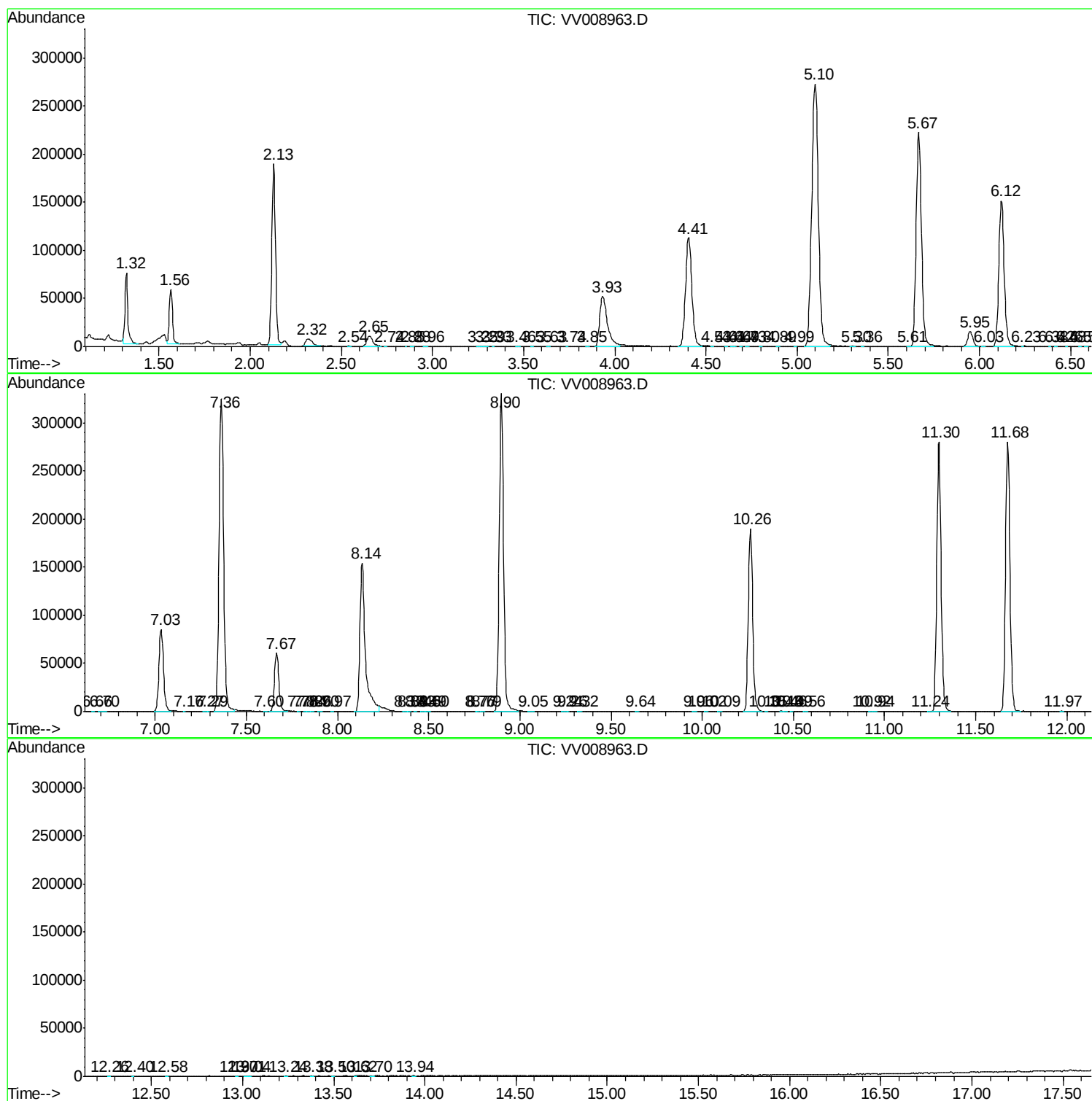
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis

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



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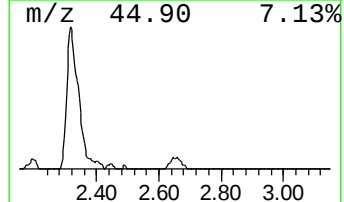
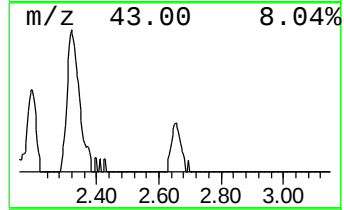
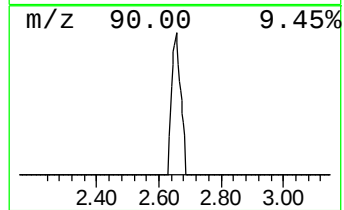
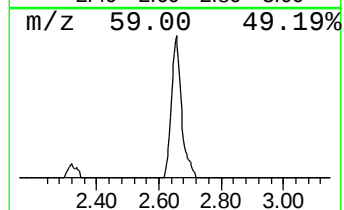
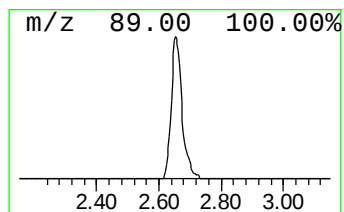
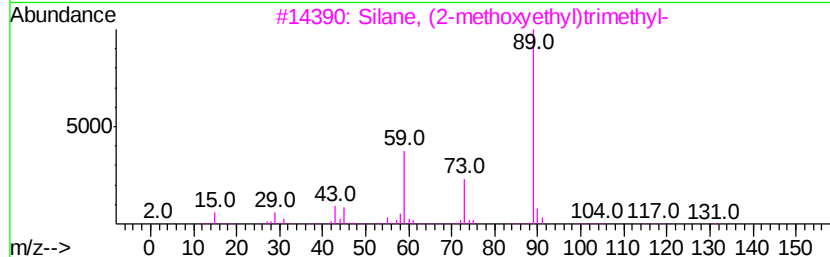
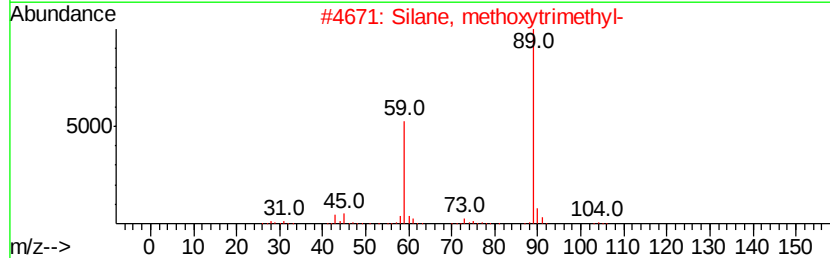
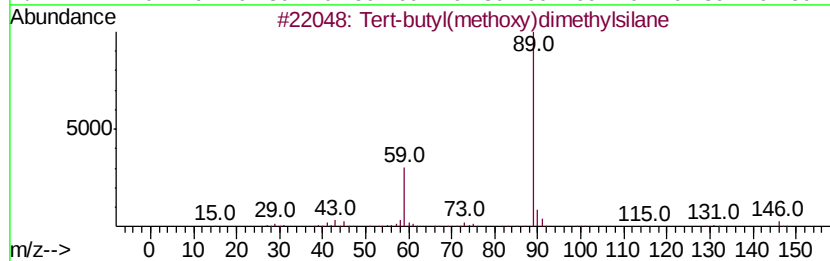
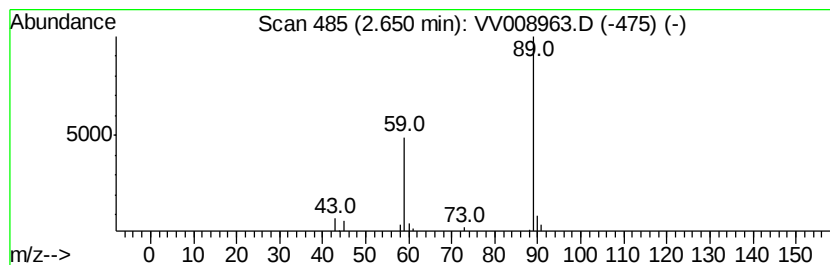
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Tert-butyl(methoxy)dimethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.65	2.61 ug/L	23683	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tert-butyl(methoxy)dimethylsilane	146	C7H18OSi	1000364-10-7	83
2		Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	83
3		Silane, (2-methoxyethyl)trimethyl-	132	C6H16OSi	018173-63-2	83
4		Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	83
5		Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	40



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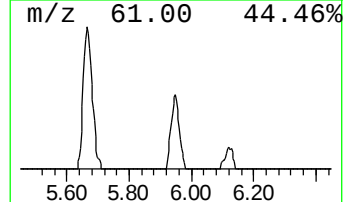
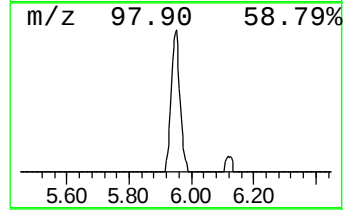
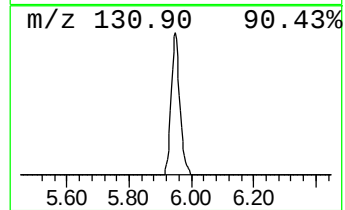
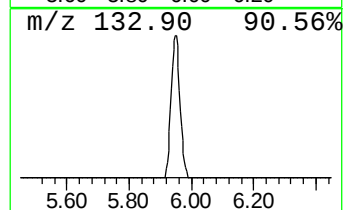
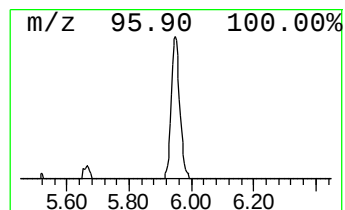
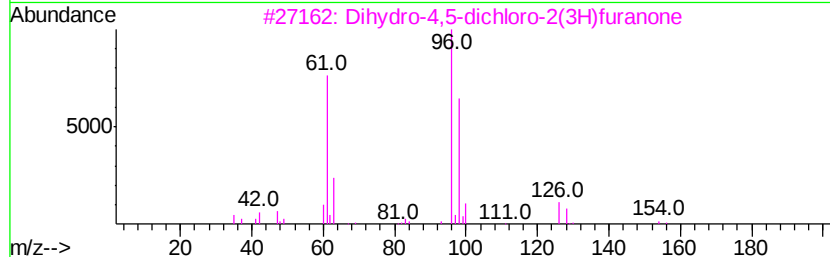
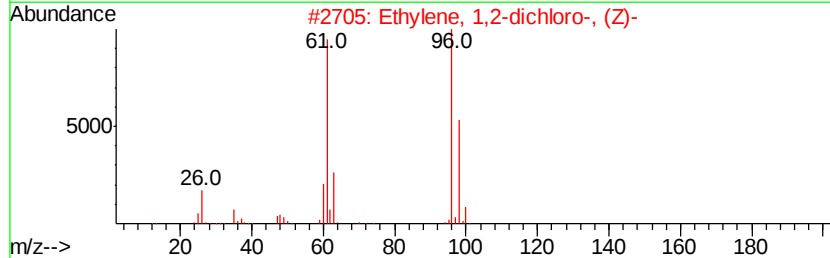
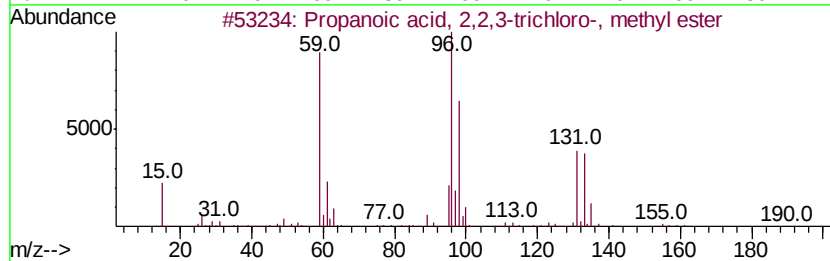
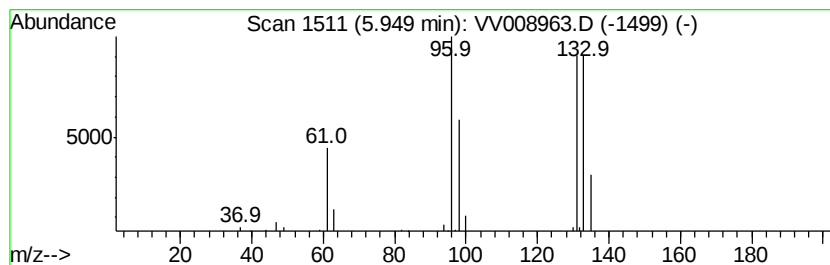
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propanoic acid, 2,2,3-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	3.36 ug/L	30506	1,4-Difluorobenzene	5.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	56
2		Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3		Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4		Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
5		Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tert-butyl(methox...	2.65	2.6	ug/L	23683	1	5.67	453858	50.0
Propanoic acid, 2...	5.95	3.4	ug/L	30506	1	5.67	453858	50.0