LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121418\
Data File : VV008948.D
Acq On : 14 Dec 2018 22:40
Operator : SY/MD
Sample : J6387-01
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LA3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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	1.319	66	71	88	rVB	76831	83048	11.50%	1.534%
2	2.126	312	322	335	rBV	203114	284601	39.40%	5.258%
3	2.319	374	382	388	rBV3	7740	13706	1.90%	0.253%
4	2.457	423	425	429	rVB2	288	144	0.02%	0.003%
5	2.521	443	445	446	rBV2	186	80	0.01%	0.001%
6	2.653	474	486	499	rBV2	10943	23035	3.19%	0.426%
7	2.788	524	528	531	rBV	378	251	0.03%	0.005%
8	3.055	607	611	614	rVB2	193	128	0.02%	0.002%
9	3.225	659	664	666	rBV2	200	186	0.03%	0.003%
10	3.380	709	712	714	rBV	191	168	0.02%	0.003%
11	3.602	779	781	784	rBV	201	97	0.01%	0.002%
12	3.618	784	786	789	rVB	196	86	0.01%	0.002%
13	3.746	823	826	827	rBV	157	107	0.01%	0.002%
14	3.778	834	836	837	rBV	241	116	0.02%	0.002%
15	3.788	837	839	841	rVB	158	82	0.01%	0.002%
16	3.933	870	884	911	rBV	55358	158488	21.94%	2.928%
17	4.283	984	993	997	rBV3	447	556	0.08%	0.010%
18	4.405	1012	1031	1049	rBV	117972	286221	39.63%	5.288%
19	4.553	1073	1077	1080	rBV	283	263	0.04%	0.005%
20	4.685	1115	1118	1121	rBV	216	158	0.02%	0.003%
21	4.762	1138	1142	1144	rBV2	201	150	0.02%	0.003%
22	4.942	1195	1198	1203	rVB	322	281	0.04%	0.005%
23	4.968	1203	1206	1207	rBV	226	124	0.02%	0.002%
24	5.097	1228	1246	1268	rBV2	289834	722290	100.00%	13.345%
25	5.225	1284	1286	1291	rVB	428	256	0.04%	0.005%
26	5.251	1291	1294	1297	rBV2	246	216	0.03%	0.004%
27	5.312	1311	1313	1316	rVB2	145	81	0.01%	0.001%
28	5.354	1322	1326	1328	rBV	202	194	0.03%	0.004%
29	5.386	1333	1336	1339	rVV	159	95	0.01%	0.002%
30	5.450	1353	1356	1358	rBV	283	121	0.02%	0.002%
31	5.502	1370	1372	1374	rVV	153	90	0.01%	0.002%
32	5.547	1382	1386	1388	rBV	226	214	0.03%	0.004%
33	5.666	1409	1423	1445	rBV	235985	457911	63.40%	8.460%
34	5.810	1466	1468	1470	rBV2	283	121	0.02%	0.002%

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Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LA3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

35	5.884	1489	1491	1496	rVV2	300	192	0.03%	0.004%
36	5.952	1499	1512	1526	rVB2	15481	30683	4.25%	0.567%
37	6.055	1541	1544	1547	rVV	181	170	0.02%	0.003%
38	6.119	1550	1564	1590	rVV	158947	319982	44.30%	5.912%
39	6.241	1600	1602	1603	rBV	357	156	0.02%	0.003%
40	6.312	1622	1624	1626	rBV	258	174	0.02%	0.003%
41	6.341	1630	1633	1635	rVV	173	97	0.01%	0.002%
42	6.444	1661	1665	1668	rBV	294	322	0.04%	0.006%
43	6.524	1686	1690	1693	rVB2	305	303	0.04%	0.006%
44	6.550	1696	1698	1702	rBB	314	210	0.03%	0.004%
45	6.576	1702	1706	1709	rBV	269	253	0.04%	0.005%
46	6.640	1724	1726	1727	rBV	279	95	0.01%	0.002%
47	6.698	1741	1744	1746	rBV	334	227	0.03%	0.004%
48	6.769	1761	1766	1767	rBV	190	158	0.02%	0.003%
49	6.891	1801	1804	1806	rBV	265	174	0.02%	0.003%
50	6.958	1821	1825	1827	rVB2	205	142	0.02%	0.003%
51	7.032	1835	1848	1867	rBV	90692	162064	22.44%	2.994%
52	7.180	1891	1894	1896	rBV	287	190	0.03%	0.004%
53	7.196	1896	1899	1901	rVV	164	103	0.01%	0.002%
54	7.212	1901	1904	1907	rVV2	145	121	0.02%	0.002%
55	7.235	1909	1911	1913	rBV2	187	99	0.01%	0.002%
56	7.280	1922	1925	1928	rBV2	188	114	0.02%	0.002%
57	7.309	1930	1934	1937	rVB	177	139	0.02%	0.003%
58	7.360	1937	1950	1967	rBV	347059	597955	82.79%	11.048%
59	7.666	2033	2045	2067	rVB	64783	108477	15.02%	2.004%
60	7.749	2067	2071	2074	rBV2	276	236	0.03%	0.004%
61	7.794	2081	2085	2087	rBV	152	137	0.02%	0.003%
62	7.884	2110	2113	2115	rBV	200	156	0.02%	0.003%
63	7.916	2120	2123	2124	rBV	228	134	0.02%	0.002%
64	7.933	2124	2128	2132	rVV2	258	230	0.03%	0.004%
65	7.987	2139	2145	2151	rVV3	483	680	0.09%	0.013%
66	8.019	2151	2155	2160	rVV2	416	471	0.07%	0.009%
67	8.051	2162	2165	2167	rVB	143	86	0.01%	0.002%
68	8.135	2178	2191	2222	rBV	168870	343841	47.60%	6.353%
69	8.344	2253	2256	2257	rBV	163	89	0.01%	0.002%
70	8.441	2283	2286	2288	rBV	230	152	0.02%	0.003%
71	8.473	2293	2296	2298	rBV	163	86	0.01%	0.002%

LSC Area Percent Report

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Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LA3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 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

72	8.511	2305	2308	2312	rVB2	190	124	0.02%	0.002%
73	8.656	2351	2353	2356	rBV	201	111	0.02%	0.002%
74	8.778	2388	2391	2397	rVB	215	200	0.03%	0.004%
75	8.823	2402	2405	2408	rBV	231	144	0.02%	0.003%
76	8.897	2415	2428	2449	rBV	332247	534725	74.03%	9.880%
77	9.138	2500	2503	2505	rBV	204	119	0.02%	0.002%
78	9.293	2548	2551	2554	rBV2	203	163	0.02%	0.003%
79	9.444	2596	2598	2601	rBV	197	121	0.02%	0.002%
80	9.585	2639	2642	2645	rBV2	346	253	0.04%	0.005%
81	9.608	2645	2649	2656	rVB2	235	338	0.05%	0.006%
82	9.727	2684	2686	2688	rBV	178	102	0.01%	0.002%
83	9.807	2708	2711	2716	rVB	235	140	0.02%	0.003%
84	10.167	2820	2823	2824	rBV	163	95	0.01%	0.002%
85	10.264	2841	2853	2873	rVB	195841	319253	44.20%	5.899%
86	10.354	2877	2881	2883	rBV2	221	157	0.02%	0.003%
87	10.711	2988	2992	2995	rBV2	302	259	0.04%	0.005%
88	11.112	3115	3117	3121	rVB2	169	96	0.01%	0.002%
89	11.148	3126	3128	3133	rBV2	159	132	0.02%	0.002%
90	11.235	3148	3155	3163	rVB2	901	1139	0.16%	0.021%
91	11.296	3163	3174	3194	rBV	279106	457584	63.35%	8.454%
92	11.402	3203	3207	3208	rBV	216	140	0.02%	0.003%
93	11.428	3213	3215	3218	rBV	204	91	0.01%	0.002%
94	11.469	3225	3228	3235	rVB2	285	208	0.03%	0.004%
95	11.553	3251	3254	3259	rBV2	297	350	0.05%	0.006%
96	11.675	3279	3292	3311	rBV	295020	487920	67.55%	9.015%
97	13.212	3767	3770	3772	rBV2	358	199	0.03%	0.004%
98	13.315	3799	3802	3808	rVB3	620	586	0.08%	0.011%
99	13.521	3863	3866	3871	rVB2	372	255	0.04%	0.005%
100	15.611	4512	4516	4519	rBV	8593	4807	0.67%	0.089%

Sum of corrected areas: 5412374

LSC Report - Integrated Chromatogram

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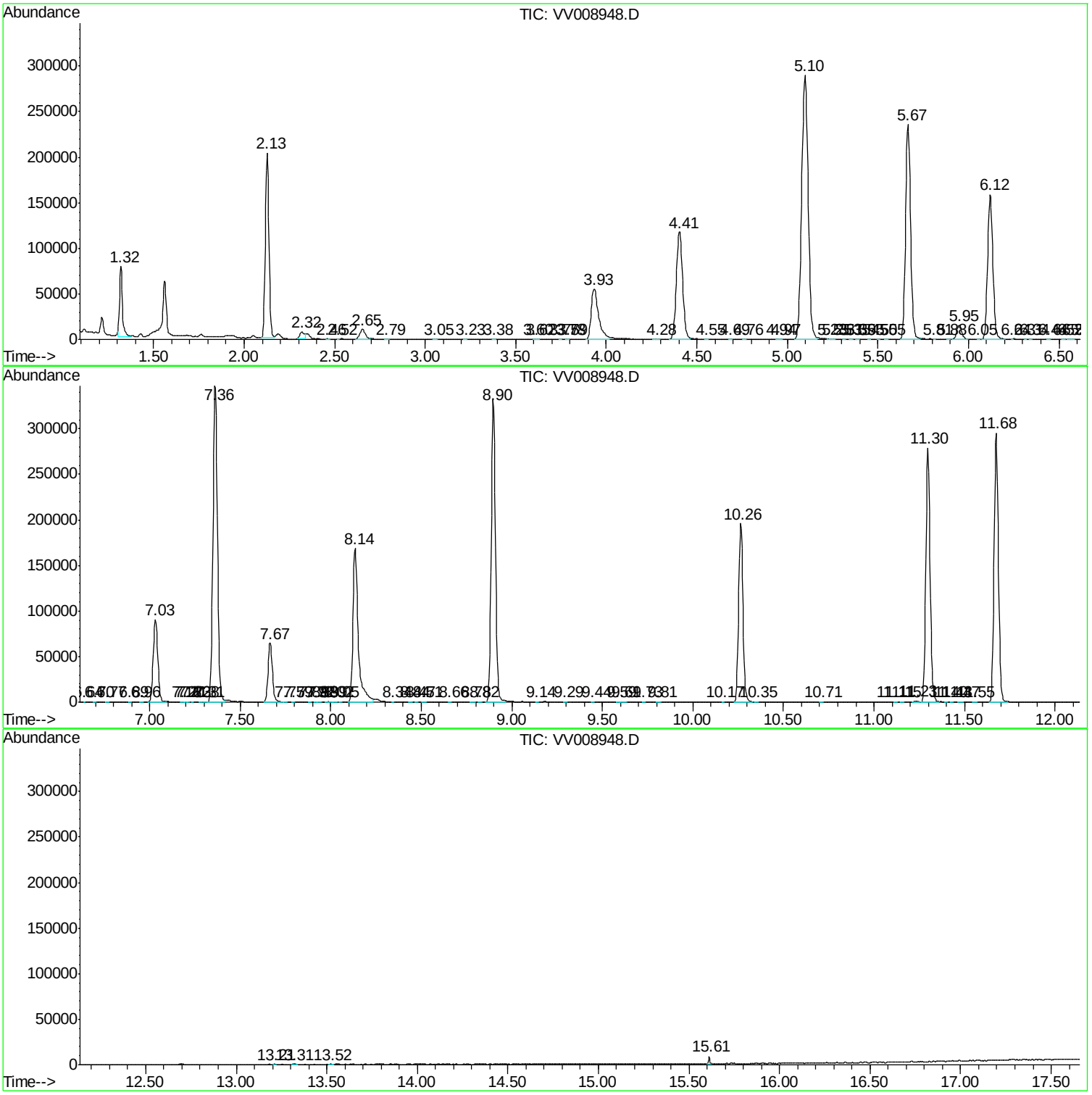
ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0LA3

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

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\
Data File : VV008948.D
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ALS Vial : 27 Sample Multiplier: 1

Instrument : MSVOA_V
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Quant Title : VOC Analysis

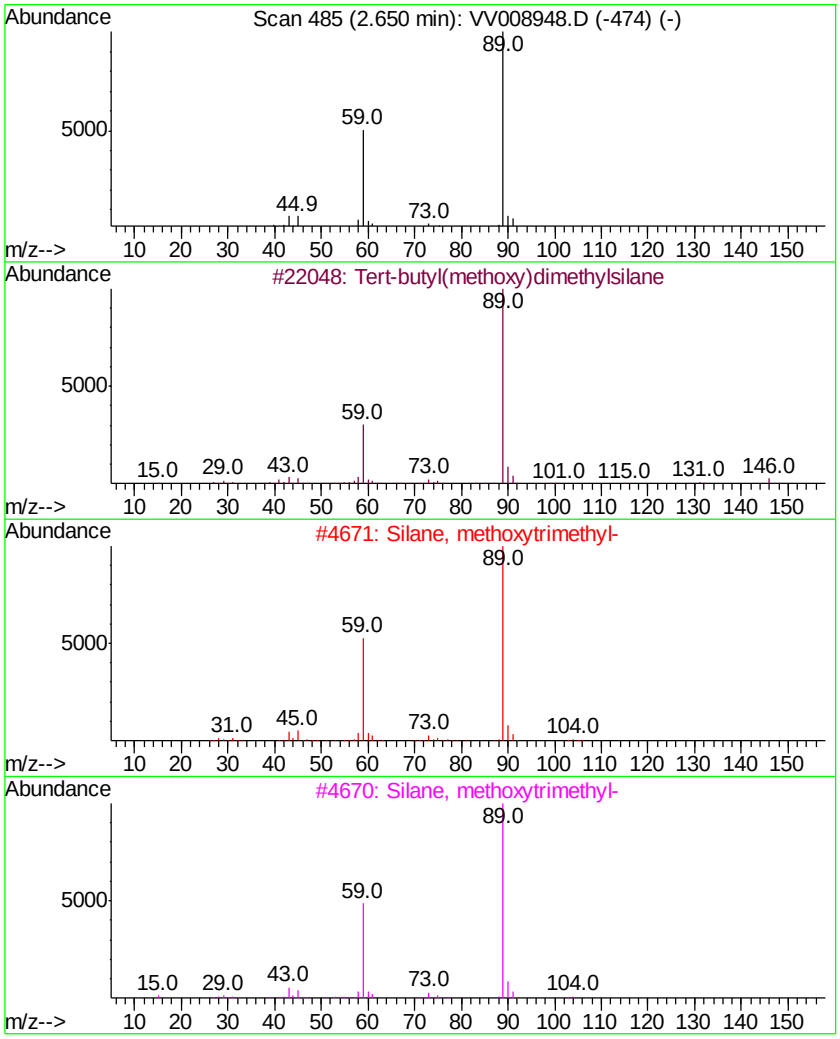
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

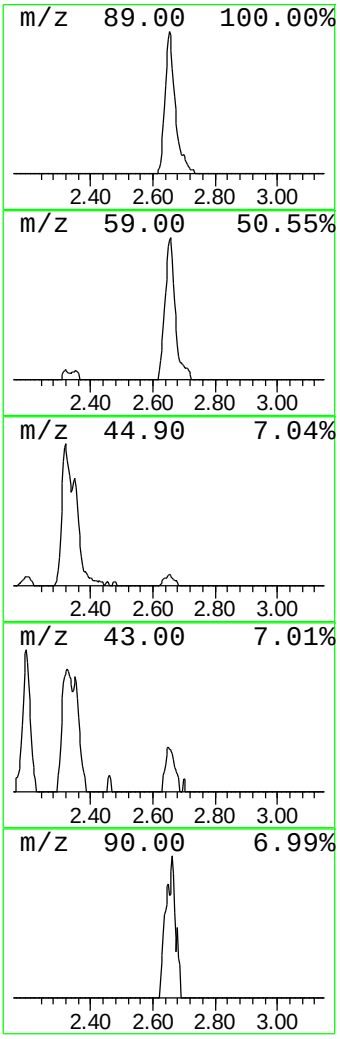
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.65	2.52 ug/L	23035	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tert-butyl(methoxy)dimethylsilane	146	C7H18OSi	1000364-10-7	83
2	Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	83
3	Silane, methoxytrimethyl-	104	C4H12OSi	001825-61-2	83
4	Silane, (2-methoxyethyl)trimethyl-	132	C6H16OSi	018173-63-2	78
5	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	9





Library Search Compound Report

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Instrument : MSVOA_V
ClientSampleId : C0LA3

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

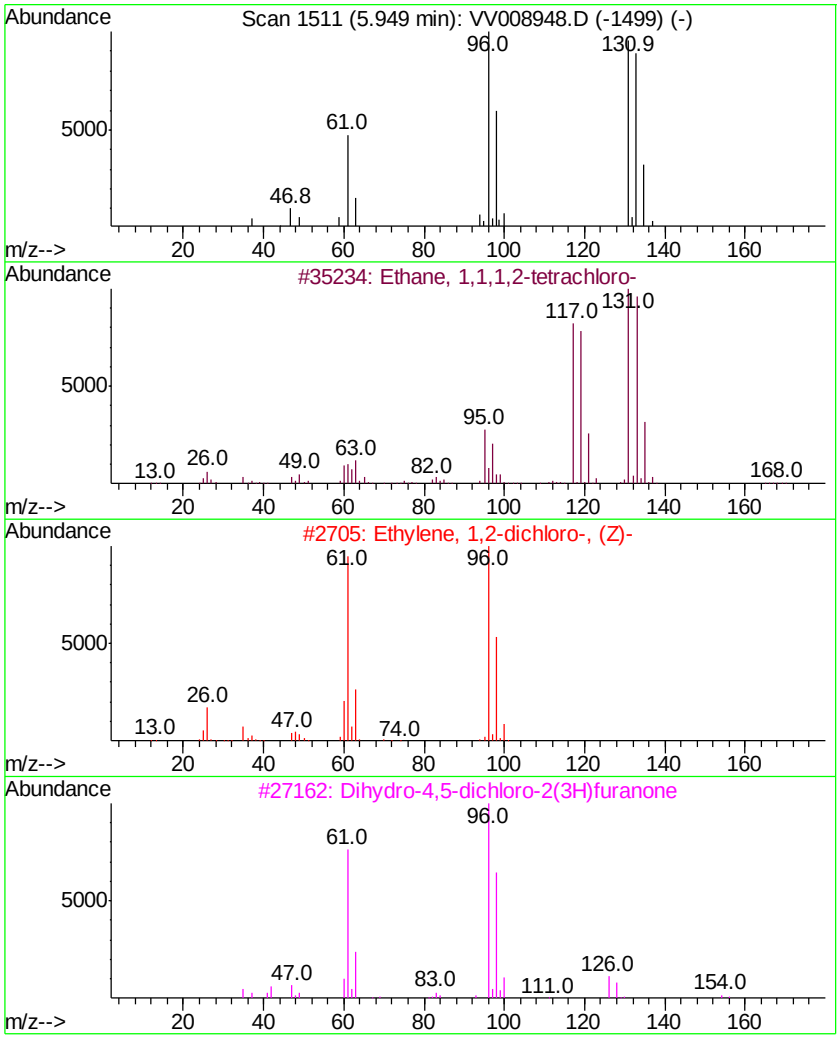
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

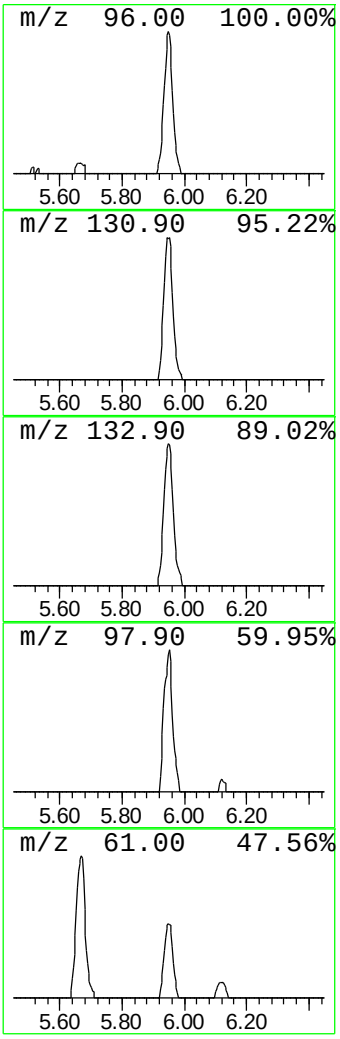
****

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	3.35 ug/L	30683	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	43
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	35
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
5	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Tert-butyl(methox...	2.65	2.5	ug/L	23035	1	5.67	457911	50.0
unknown-01	5.95	3.4	ug/L	30683	1	5.67	457911	50.0