LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020320\
Data File : VV014488.D
Acq On : 03 Feb 2020 16:52
Operator : SY/MD
Sample : L1326-07
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBCS9

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\SOMVLM020120WMA.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	1.116	4	8	18	rVB2	17522	17516	0.23%	0.078%
2	1.322	63	72	84	rBV	227685	230397	3.09%	1.031%
3	1.582	144	153	165	rBV	136597	163531	2.19%	0.732%
4	2.026	288	291	293	rBV4	1384	809	0.01%	0.004%
5	2.129	312	323	333	rBV	283310	401912	5.39%	1.799%
6	2.184	334	340	349	rVB	26725	36837	0.49%	0.165%
7	2.296	366	375	396	rBV2	26415	54195	0.73%	0.243%
8	2.418	407	413	424	rVB5	2600	4054	0.05%	0.018%
9	2.483	430	433	436	rBV3	1015	660	0.01%	0.003%
10	2.502	437	439	442	rVV4	994	588	0.01%	0.003%
11	2.537	442	450	464	rVB8	4142	7297	0.10%	0.033%
12	2.650	475	485	499	rBV2	12064	24442	0.33%	0.109%
13	2.791	518	529	547	rVB	45366	80677	1.08%	0.361%
14	2.891	557	560	564	rBV4	628	549	0.01%	0.002%
15	2.959	578	581	583	rBV2	704	547	0.01%	0.002%
16	3.065	610	614	620	rBV7	1039	1597	0.02%	0.007%
17	3.158	632	643	644	rBV7	1731	2452	0.03%	0.011%
18	3.338	694	699	702	rVB4	635	602	0.01%	0.003%
19	3.364	702	707	710	rBV3	868	727	0.01%	0.003%
20	3.550	761	765	766	rBV2	2139	1595	0.02%	0.007%
21	3.807	840	845	848	rBV3	607	539	0.01%	0.002%
22	3.856	851	860	861	rBV4	3699	3967	0.05%	0.018%
23	3.955	868	891	945	rBV	2943509	7461460	100.00%	33.398%
24	4.396	1010	1028	1057	rBV2	312463	921229	12.35%	4.123%
25	4.637	1100	1103	1107	rVB4	885	734	0.01%	0.003%
26	4.894	1181	1183	1189	rVB2	737	669	0.01%	0.003%
27	4.965	1202	1205	1210	rVB4	748	562	0.01%	0.003%
28	5.090	1225	1244	1265	rBV2	708117	1817297	24.36%	8.134%
29	5.347	1319	1324	1326	rBV4	1703	1544	0.02%	0.007%
30	5.376	1331	1333	1338	rVB4	1512	1204	0.02%	0.005%
31	5.505	1370	1373	1375	rBV5	978	584	0.01%	0.003%
32	5.579	1386	1396	1405	rVV4	3603	7626	0.10%	0.034%
33	5.659	1407	1421	1454	rVV	508674	1035284	13.88%	4.634%
34	5.955	1489	1513	1529	rBV3	174509	377540	5.06%	1.690%

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Instrument : MSVOA_V
ClientSampleId : DBCS9

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Title : VOC Analysis

35	6.113	1549	1562	1587	rVB	414275	827267	11.09%	3.703%
36	6.547	1692	1697	1704	rVB7	798	748	0.01%	0.003%
37	6.621	1706	1720	1729	rBV4	4977	10012	0.13%	0.045%
38	6.746	1757	1759	1765	rBV3	599	635	0.01%	0.003%
39	6.936	1813	1818	1822	rVB4	540	548	0.01%	0.002%
40	6.971	1822	1829	1831	rBV4	763	849	0.01%	0.004%
41	7.023	1831	1845	1869	rBV	260159	461157	6.18%	2.064%
42	7.158	1884	1887	1889	rBV4	666	537	0.01%	0.002%
43	7.273	1916	1923	1931	rBV4	3624	5332	0.07%	0.024%
44	7.354	1931	1948	1966	rBV	894169	1546390	20.73%	6.922%
45	7.515	1993	1998	2003	rBV6	1312	1767	0.02%	0.008%
46	7.566	2007	2014	2020	rBV8	1832	2704	0.04%	0.012%
47	7.656	2029	2042	2063	rBV	186371	317127	4.25%	1.419%
48	7.878	2099	2111	2127	rBV	58224	106635	1.43%	0.477%
49	7.971	2128	2140	2146	rVV	92103	164896	2.21%	0.738%
50	8.013	2147	2153	2172	rVB	152467	251177	3.37%	1.124%
51	8.122	2176	2187	2225	rBV	445964	923220	12.37%	4.132%
52	8.595	2325	2334	2342	rVB9	3366	5602	0.08%	0.025%
53	8.643	2345	2349	2353	rBV5	1305	1063	0.01%	0.005%
54	8.749	2379	2382	2386	rBV4	1140	1067	0.01%	0.005%
55	8.833	2402	2408	2413	rVV8	2158	2859	0.04%	0.013%
56	8.891	2413	2426	2452	rVV	741476	1214158	16.27%	5.435%
57	9.048	2470	2475	2478	rBV4	1765	1809	0.02%	0.008%
58	9.142	2499	2504	2505	rBV3	1753	1221	0.02%	0.005%
59	9.177	2509	2515	2526	rVB5	7560	12702	0.17%	0.057%
60	9.273	2531	2545	2575	rBV3	77988	170501	2.29%	0.763%
61	9.421	2583	2591	2604	rBV2	18635	33070	0.44%	0.148%
62	9.585	2634	2642	2655	rVB8	4032	7531	0.10%	0.034%
63	9.640	2655	2659	2662	rBV4	705	554	0.01%	0.002%
64	9.691	2670	2675	2678	rVB4	843	869	0.01%	0.004%
65	9.772	2688	2700	2705	rBV9	2125	4068	0.05%	0.018%
66	9.846	2720	2723	2725	rBV3	954	610	0.01%	0.003%
67	9.958	2753	2758	2761	rBV3	1023	1079	0.01%	0.005%
68	10.116	2804	2807	2810	rVV3	866	599	0.01%	0.003%
69	10.142	2810	2815	2819	rVV5	648	700	0.01%	0.003%
70	10.254	2838	2850	2884	rVB	543704	867749	11.63%	3.884%
71	10.379	2886	2889	2893	rBV4	842	690	0.01%	0.003%

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ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
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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\SOMVLM020120WMA.M
Title : VOC Analysis

72	10.405	2893	2897	2898	rBV3	1551	1210	0.02%	0.005%
73	10.421	2898	2902	2911	rVB8	3136	3996	0.05%	0.018%
74	10.579	2937	2951	2959	rBV9	3050	6725	0.09%	0.030%
75	10.637	2960	2969	2984	rVB7	7475	15395	0.21%	0.069%
76	10.759	3000	3007	3011	rBV5	3688	4993	0.07%	0.022%
77	10.881	3035	3045	3053	rBV7	8679	16447	0.22%	0.074%
78	10.955	3061	3068	3078	rVB2	10178	15854	0.21%	0.071%
79	11.135	3106	3124	3132	rBV9	3312	7109	0.10%	0.032%
80	11.206	3144	3146	3149	rBV4	811	609	0.01%	0.003%
81	11.289	3159	3172	3191	rBV	778800	1217089	16.31%	5.448%
82	11.376	3193	3199	3210	rVB	8517	13475	0.18%	0.060%
83	11.457	3219	3224	3226	rBV5	4002	3450	0.05%	0.015%
84	11.666	3271	3289	3314	rBV	867838	1382896	18.53%	6.190%
85	11.952	3374	3378	3379	rBV2	937	581	0.01%	0.003%
86	12.045	3403	3407	3408	rBV3	1136	692	0.01%	0.003%
87	12.071	3413	3415	3421	rVB3	1233	549	0.01%	0.002%
88	12.135	3431	3435	3436	rBV3	891	621	0.01%	0.003%
89	12.228	3459	3464	3466	rBV2	993	796	0.01%	0.004%
90	12.286	3478	3482	3484	rBV3	1268	1025	0.01%	0.005%
91	12.421	3521	3524	3526	rBV3	1032	623	0.01%	0.003%
92	12.502	3546	3549	3550	rBV2	1515	710	0.01%	0.003%
93	12.556	3560	3566	3571	rBV6	1418	1922	0.03%	0.009%
94	12.923	3674	3680	3686	rVB5	1480	1810	0.02%	0.008%
95	13.055	3716	3721	3723	rBV2	699	617	0.01%	0.003%
96	13.325	3804	3805	3812	rVB3	748	594	0.01%	0.003%
97	13.553	3867	3876	3891	rVB	12092	21094	0.28%	0.094%
98	13.932	3991	3994	4001	rBV4	806	946	0.01%	0.004%
99	14.688	4221	4229	4239	rBV5	4210	7976	0.11%	0.036%
100	15.077	4348	4350	4353	rBV3	809	544	0.01%	0.002%

Sum of corrected areas: 22341073

LSC Report - Integrated Chromatogram

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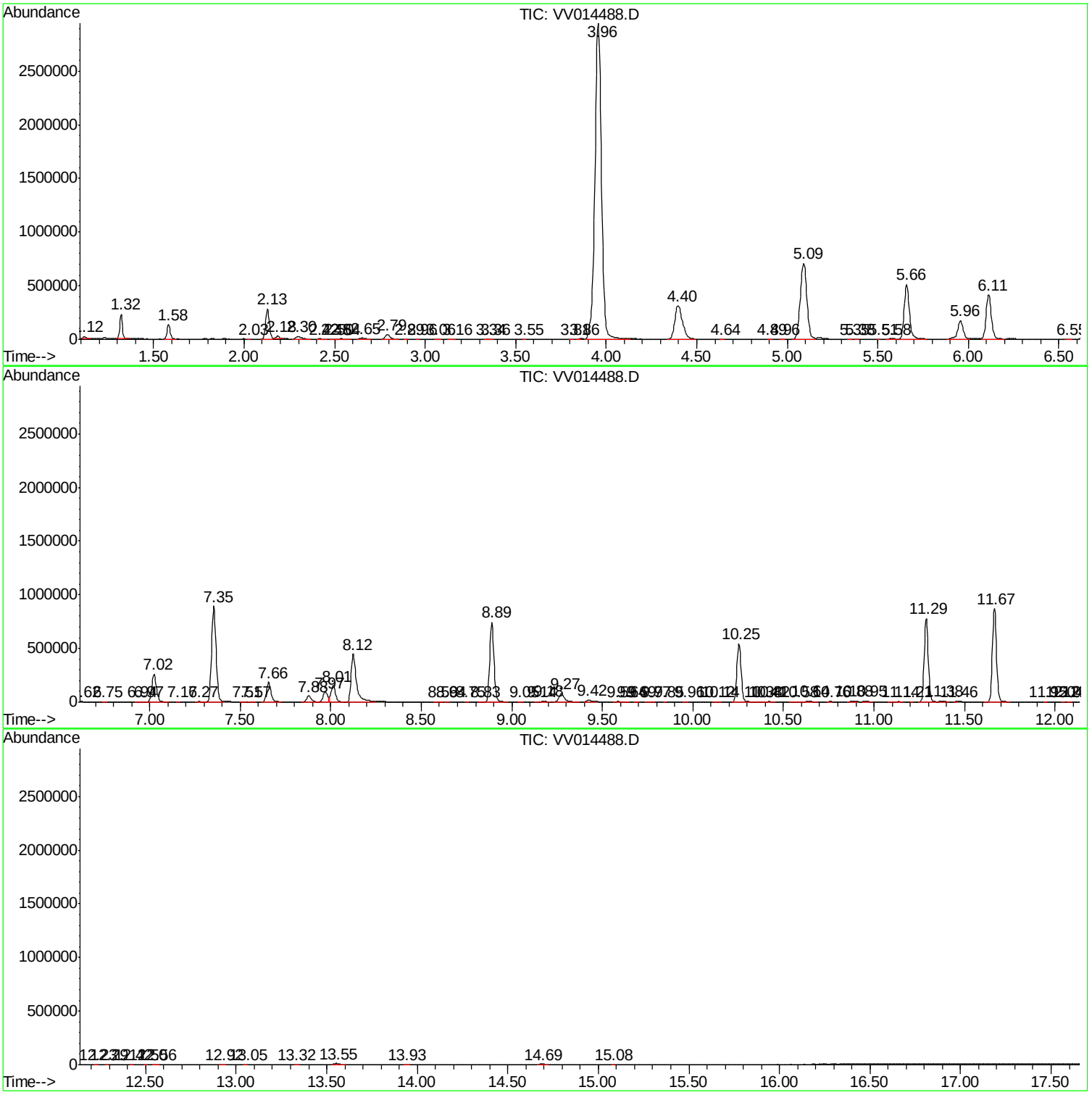
Sample : L1326-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBCS9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.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\VV020320\
Data File : VV014488.D
Acq On : 03 Feb 2020 16:52
Operator : SY/MD
Sample : L1326-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBCS9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

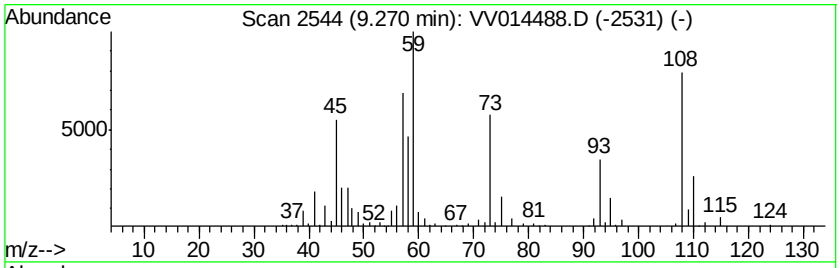
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

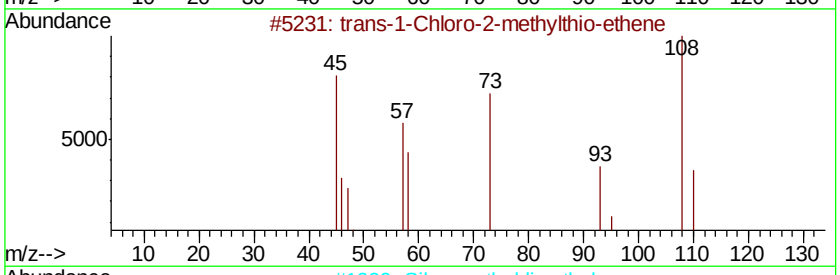
****

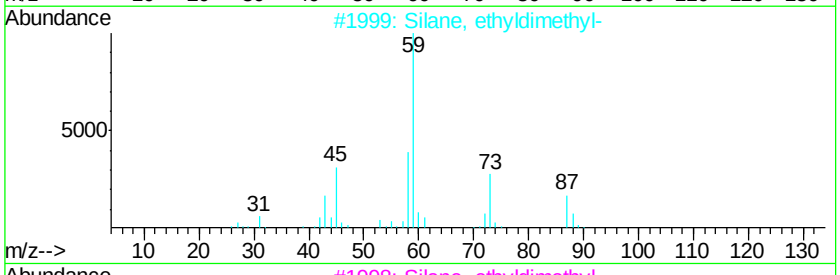
Peak Number 2 trans-1-Chloro-2-methylthio... Concentration Rank 2

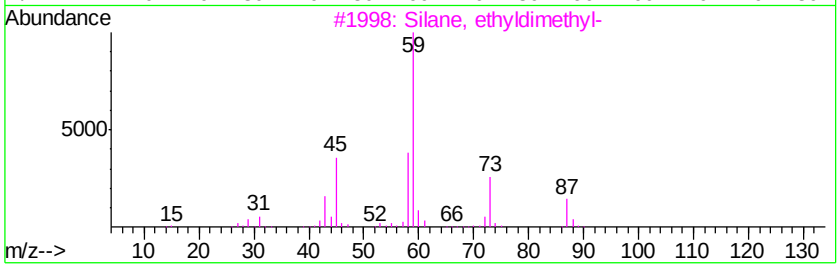
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	7.02 ug/L	170501	Chlorobenzene-d5	8.89

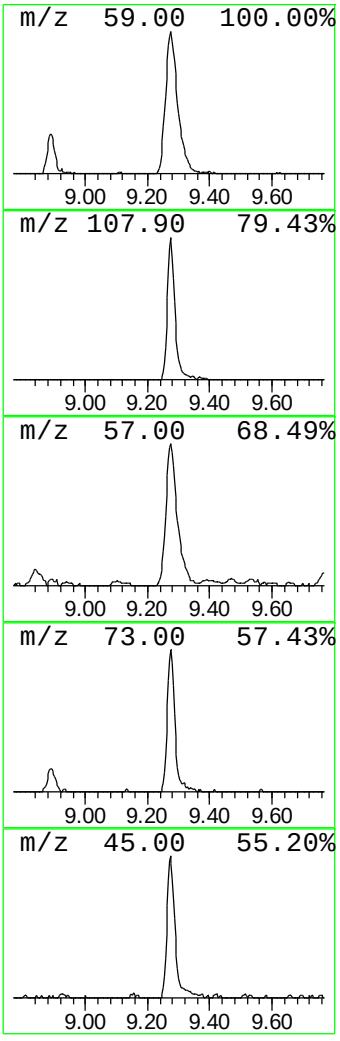
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1-Chloro-2-methylthio-ethene	108	C3H5ClS	1000145-47-1	64
2	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	32
3	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	32
4	Trimethylphosphine sulfide	108	C3H9PS	002404-55-9	32
5	Butanoic acid, 2-chloro-, methyl...	136	C5H9ClO2	026464-32-4	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
trans-1-Chloro-2-...	9.27	7.0	ug/L	170501	2	8.89	1214160	50.0