LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
Data File : VV017459.D
Acq On : 13 Jul 2020 10:58
Operator : SY/MD
Sample : L3270-13
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A17

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\SOMVLM070820WMA.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	1.315	64	70	86	rVB	129426	139367	15.06%	1.892%
2	1.579	145	152	163	rVB	102241	111770	12.08%	1.517%
3	2.123	311	321	337	rBV	234060	350278	37.86%	4.755%
4	2.512	440	442	447	rVB4	855	629	0.07%	0.009%
5	2.656	483	487	489	rBV3	924	709	0.08%	0.010%
6	2.872	550	554	557	rBV4	832	598	0.06%	0.008%
7	2.920	564	569	571	rBV4	738	693	0.07%	0.009%
8	2.946	571	577	578	rBV3	469	497	0.05%	0.007%
9	2.984	586	589	593	rBV2	953	631	0.07%	0.009%
10	3.100	623	625	627	rBV	887	387	0.04%	0.005%
11	3.126	631	633	637	rVB3	761	398	0.04%	0.005%
12	3.151	637	641	646	rBV5	671	593	0.06%	0.008%
13	3.212	658	660	664	rBV3	514	446	0.05%	0.006%
14	3.434	725	729	733	rVB5	593	486	0.05%	0.007%
15	3.457	733	736	739	rVB	483	391	0.04%	0.005%
16	3.483	739	744	747	rBV3	658	621	0.07%	0.008%
17	3.550	760	765	768	rBV3	485	384	0.04%	0.005%
18	3.666	796	801	803	rBV2	637	380	0.04%	0.005%
19	3.711	813	815	819	rVB3	728	527	0.06%	0.007%
20	3.775	829	835	839	rVB3	715	796	0.09%	0.011%
21	3.907	865	876	902	rBV	56015	166311	17.97%	2.258%
22	4.309	998	1001	1004	rBV4	886	622	0.07%	0.008%
23	4.370	1006	1020	1042	rVV	156546	382972	41.39%	5.199%
24	4.524	1066	1068	1070	rBV2	836	453	0.05%	0.006%
25	4.569	1078	1082	1085	rBV3	683	526	0.06%	0.007%
26	4.769	1142	1144	1147	rBV4	657	438	0.05%	0.006%
27	4.939	1195	1197	1200	rVB3	774	367	0.04%	0.005%
28	5.003	1212	1217	1219	rBV2	796	498	0.05%	0.007%
29	5.068	1219	1237	1260	rBV3	360396	925243	100.00%	12.560%
30	5.315	1311	1314	1318	rVB3	914	621	0.07%	0.008%
31	5.428	1345	1349	1351	rVB3	972	662	0.07%	0.009%
32	5.499	1366	1371	1374	rBV4	783	766	0.08%	0.010%
33	5.544	1382	1385	1389	rVB2	851	661	0.07%	0.009%
34	5.637	1401	1414	1439	rBV	320902	640250	69.20%	8.691%

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Instrument : MSVOA_V
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Title : VOC Analysis

35	5.865	1483	1485	1488	rBV3	693	491	0.05%	0.007%
36	5.926	1495	1504	1520	rVB6	19021	40458	4.37%	0.549%
37	6.090	1542	1555	1584	rVB2	198561	409924	44.30%	5.565%
38	6.524	1688	1690	1695	rBV3	603	442	0.05%	0.006%
39	6.605	1712	1715	1718	rVB2	584	431	0.05%	0.006%
40	6.630	1718	1723	1724	rBV3	1604	1150	0.12%	0.016%
41	6.955	1819	1824	1828	rBV6	1028	1097	0.12%	0.015%
42	7.003	1828	1839	1855	rBV	122964	220407	23.82%	2.992%
43	7.177	1889	1893	1894	rBV2	1233	624	0.07%	0.008%
44	7.335	1930	1942	1963	rBV	443464	754247	81.52%	10.239%
45	7.553	2006	2010	2014	rBV6	1258	1057	0.11%	0.014%
46	7.640	2027	2037	2059	rVV	90126	158056	17.08%	2.146%
47	7.778	2078	2080	2082	rBV2	719	471	0.05%	0.006%
48	7.900	2116	2118	2121	rVB3	993	444	0.05%	0.006%
49	7.962	2126	2137	2139	rBV5	3354	5072	0.55%	0.069%
50	8.106	2172	2182	2207	rBV	197944	378197	40.88%	5.134%
51	8.476	2295	2297	2301	rBV3	564	476	0.05%	0.006%
52	8.871	2408	2420	2441	rBV	478969	764945	82.68%	10.384%
53	9.248	2532	2537	2540	rBV4	971	865	0.09%	0.012%
54	9.363	2571	2573	2577	rVB4	709	426	0.05%	0.006%
55	9.389	2577	2581	2586	rBV4	674	587	0.06%	0.008%
56	9.556	2627	2633	2641	rBV8	1474	2489	0.27%	0.034%
57	9.730	2683	2687	2690	rBV2	619	568	0.06%	0.008%
58	9.807	2708	2711	2713	rBV	716	400	0.04%	0.005%
59	10.000	2767	2771	2773	rBV2	575	413	0.04%	0.006%
60	10.032	2777	2781	2784	rVV4	1385	1257	0.14%	0.017%
61	10.235	2833	2844	2858	rBV	247941	387327	41.86%	5.258%
62	10.334	2871	2875	2877	rBV2	787	611	0.07%	0.008%
63	10.405	2890	2897	2905	rVB4	3663	6088	0.66%	0.083%
64	10.553	2941	2943	2945	rBV	677	393	0.04%	0.005%
65	10.788	3011	3016	3021	rVB4	674	612	0.07%	0.008%
66	10.865	3037	3040	3042	rBV2	480	373	0.04%	0.005%
67	10.939	3058	3063	3067	rVV5	1391	1717	0.19%	0.023%
68	10.977	3071	3075	3077	rVB2	668	420	0.05%	0.006%
69	11.058	3096	3100	3103	rVB4	998	711	0.08%	0.010%
70	11.186	3136	3140	3144	rBV4	491	552	0.06%	0.007%
71	11.215	3144	3149	3153	rVB6	1148	1165	0.13%	0.016%

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Integrator: RTE
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Title : VOC Analysis

72	11.270	3155	3166	3185	rBV	493314	750688	81.13%	10.191%
73	11.479	3228	3231	3235	rVB3	990	705	0.08%	0.010%
74	11.547	3246	3252	3253	rBV2	2417	2008	0.22%	0.027%
75	11.646	3272	3283	3306	rVB	469005	723890	78.24%	9.827%
76	11.775	3321	3323	3325	rBV4	804	474	0.05%	0.006%
77	11.846	3342	3345	3350	rVB4	1071	851	0.09%	0.012%
78	11.884	3354	3357	3359	rVB2	844	456	0.05%	0.006%
79	11.910	3363	3365	3367	rVB3	830	378	0.04%	0.005%
80	11.926	3367	3370	3373	rBV2	665	424	0.05%	0.006%
81	12.129	3431	3433	3436	rVB2	1119	606	0.07%	0.008%
82	12.344	3497	3500	3503	rVB2	619	439	0.05%	0.006%
83	12.440	3527	3530	3532	rBV2	830	467	0.05%	0.006%
84	12.492	3544	3546	3550	rVB3	1036	582	0.06%	0.008%
85	12.527	3555	3557	3562	rVB2	953	554	0.06%	0.008%
86	12.829	3647	3651	3653	rBV4	731	528	0.06%	0.007%
87	12.891	3665	3670	3671	rBV4	666	458	0.05%	0.006%
88	13.090	3728	3732	3734	rBV2	575	464	0.05%	0.006%
89	13.145	3744	3749	3751	rBV3	643	596	0.06%	0.008%
90	13.190	3760	3763	3766	rVV2	714	480	0.05%	0.007%
91	13.209	3767	3769	3771	rVB2	889	371	0.04%	0.005%
92	13.254	3776	3783	3786	rBV5	1013	1149	0.12%	0.016%
93	13.421	3832	3835	3838	rBV2	930	497	0.05%	0.007%
94	13.569	3877	3881	3882	rBV3	874	512	0.06%	0.007%
95	13.627	3897	3899	3903	rVB2	689	376	0.04%	0.005%
96	13.936	3992	3995	3996	rBV	855	389	0.04%	0.005%
97	14.209	4076	4080	4081	rBV3	807	592	0.06%	0.008%
98	14.296	4103	4107	4108	rBV2	959	557	0.06%	0.008%
99	14.315	4111	4113	4115	rBV2	811	414	0.04%	0.006%
100	15.067	4344	4347	4350	rBV	979	697	0.08%	0.009%

Sum of corrected areas: 7366536

LSC Report - Integrated Chromatogram

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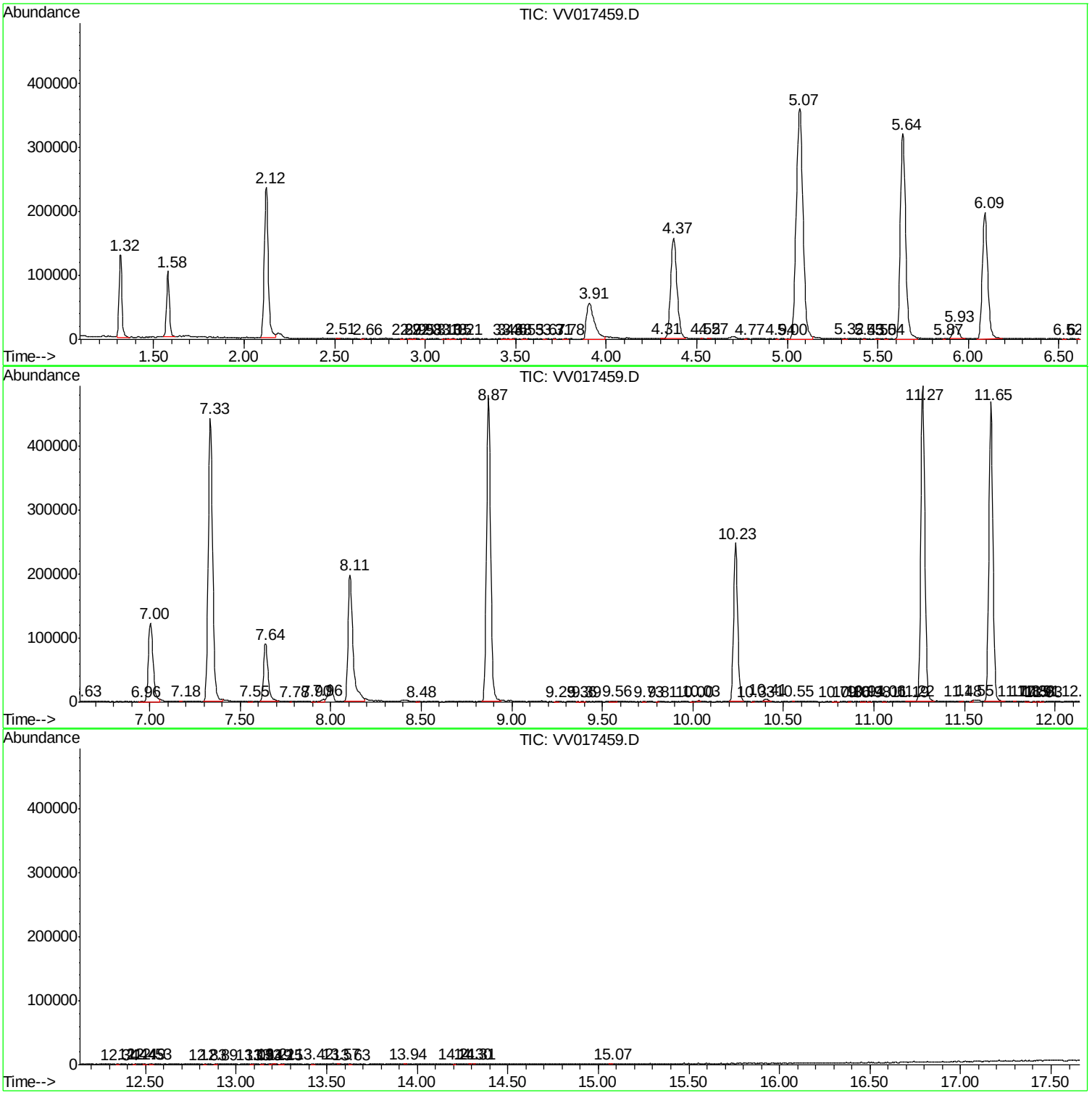
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4A17

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.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\VV071320\
Data File : VV017459.D
Acq On : 13 Jul 2020 10:58
Operator : SY/MD
Sample : L3270-13
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Instrument : MSVOA_V
ClientSampleId : F4A17

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
Quant Title : VOC Analysis

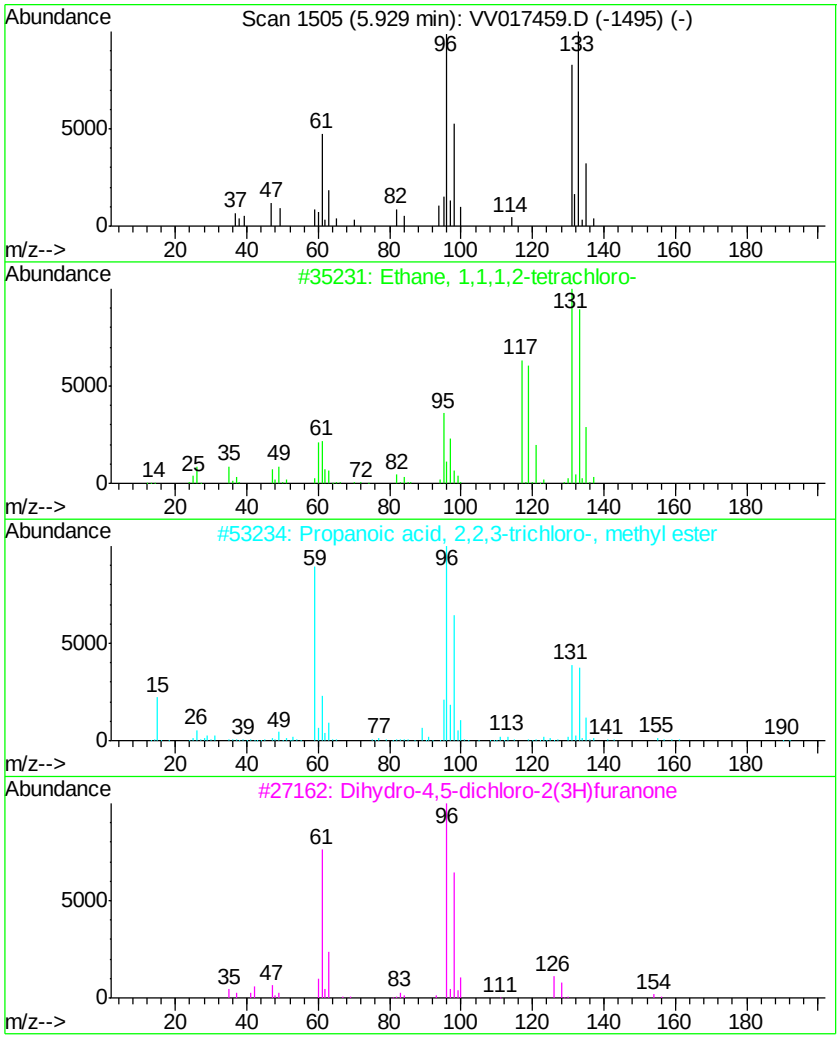
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

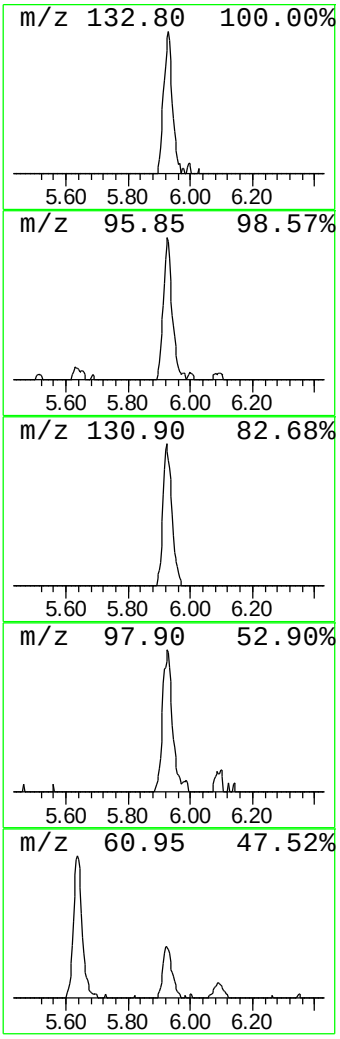
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.16 ug/L	40458	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
2	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	28
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	27
4	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	27
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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.93	3.2	ug/L	40458	1	5.64	640250	50.0