LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120619\
Data File : VV013942.D
Acq On : 06 Dec 2019 15:02
Operator : SY/MD
Sample : K6170-22
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BT6

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\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	1.319	65	71	81	rVB	321719	316705	14.95%	2.007%
2	1.573	143	150	163	rVB	296824	349294	16.49%	2.214%
3	2.126	314	322	335	rVB	611303	844454	39.87%	5.352%
4	2.415	410	412	413	rBV	1296	403	0.02%	0.003%
5	2.585	463	465	467	rBV3	987	424	0.02%	0.003%
6	2.624	472	477	479	rBV4	1492	1455	0.07%	0.009%
7	2.746	512	515	516	rBV2	923	472	0.02%	0.003%
8	2.785	524	527	528	rBV3	1698	964	0.05%	0.006%
9	2.904	558	564	565	rBV2	937	815	0.04%	0.005%
10	2.917	565	568	570	rVV3	1162	808	0.04%	0.005%
11	3.029	602	603	607	rVB4	855	471	0.02%	0.003%
12	3.074	615	617	620	rBV4	1732	852	0.04%	0.005%
13	3.164	643	645	650	rBV3	1292	1015	0.05%	0.006%
14	3.187	650	652	653	rVV2	1435	471	0.02%	0.003%
15	3.216	657	661	665	rBV6	1593	1483	0.07%	0.009%
16	3.267	675	677	679	rVB3	1735	767	0.04%	0.005%
17	3.280	679	681	683	rBV	1152	700	0.03%	0.004%
18	3.347	700	702	704	rBV2	810	393	0.02%	0.002%
19	3.357	704	705	706	rVB	665	128	0.01%	0.001%
20	3.428	721	727	730	rBV5	1816	2092	0.10%	0.013%
21	3.518	753	755	758	rVB2	1009	529	0.02%	0.003%
22	3.537	758	761	764	rBV3	1459	725	0.03%	0.005%
23	3.627	785	789	792	rVB5	1117	906	0.04%	0.006%
24	3.646	792	795	797	rBV4	1167	733	0.03%	0.005%
25	3.720	817	818	822	rVB3	767	390	0.02%	0.002%
26	3.749	822	827	829	rBV4	1732	1316	0.06%	0.008%
27	3.762	829	831	832	rVV	798	329	0.02%	0.002%
28	3.772	832	834	838	rVB3	1558	858	0.04%	0.005%
29	3.788	838	839	840	rVB	784	151	0.01%	0.001%
30	3.801	840	843	845	rBV3	1036	602	0.03%	0.004%
31	3.923	870	881	908	rBV	145783	396248	18.71%	2.511%
32	4.289	993	995	998	rBV4	1021	733	0.03%	0.005%
33	4.392	1013	1027	1055	rVB	357684	867486	40.96%	5.498%
34	4.566	1078	1081	1086	rBV8	2083	2189	0.10%	0.014%

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Operator : SY/MD
Sample : K6170-22
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BT6

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\SOMVLM120219WMA.M
Title : VOC Analysis

35	4.653	1105	1108	1110	rBV4	1653	1014	0.05%	0.006%
36	4.797	1150	1153	1155	rBV3	1748	861	0.04%	0.005%
37	4.846	1166	1168	1169	rBV2	1148	477	0.02%	0.003%
38	4.878	1174	1178	1179	rBV3	1142	712	0.03%	0.005%
39	4.974	1203	1208	1213	rVB7	1790	1672	0.08%	0.011%
40	5.000	1213	1216	1218	rBV3	1510	889	0.04%	0.006%
41	5.090	1227	1244	1274	rBV2	837998	2118108	100.00%	13.423%
42	5.367	1328	1330	1333	rBV4	1112	717	0.03%	0.005%
43	5.592	1394	1400	1403	rBV6	1563	1709	0.08%	0.011%
44	5.659	1406	1421	1442	rBV	733083	1442468	68.10%	9.142%
45	5.942	1498	1509	1523	rBV2	47202	101514	4.79%	0.643%
46	6.113	1549	1562	1583	rBV	474859	952520	44.97%	6.037%
47	6.511	1683	1686	1687	rBV3	1530	832	0.04%	0.005%
48	6.630	1721	1723	1724	rBV2	1857	788	0.04%	0.005%
49	6.820	1780	1782	1784	rBV2	890	379	0.02%	0.002%
50	6.875	1796	1799	1802	rBV4	896	514	0.02%	0.003%
51	6.968	1824	1828	1829	rBV2	1780	938	0.04%	0.006%
52	7.026	1833	1846	1868	rVV	235601	428500	20.23%	2.716%
53	7.264	1917	1920	1921	rBV2	959	492	0.02%	0.003%
54	7.354	1936	1948	1969	rBV	924573	1601495	75.61%	10.149%
55	7.659	2033	2043	2064	rBV	166503	283503	13.38%	1.797%
56	8.067	2167	2170	2176	rBV7	1218	1405	0.07%	0.009%
57	8.129	2178	2189	2223	rBV2	382548	854986	40.37%	5.418%
58	8.575	2326	2328	2330	rBV3	1100	378	0.02%	0.002%
59	8.846	2410	2412	2414	rBV3	1367	714	0.03%	0.005%
60	8.891	2414	2426	2451	rVV	1033614	1664497	78.58%	10.549%
61	9.247	2532	2537	2540	rBV6	1761	1229	0.06%	0.008%
62	9.267	2540	2543	2544	rBV2	802	415	0.02%	0.003%
63	9.334	2562	2564	2572	rBV9	1591	952	0.04%	0.006%
64	9.383	2576	2579	2581	rBV3	1841	1295	0.06%	0.008%
65	9.682	2669	2672	2674	rBV3	1327	962	0.05%	0.006%
66	9.804	2709	2710	2711	rBV3	657	213	0.01%	0.001%
67	9.887	2733	2736	2738	rBV3	834	605	0.03%	0.004%
68	10.032	2779	2781	2783	rBV2	835	304	0.01%	0.002%
69	10.096	2799	2801	2804	rVB3	1827	892	0.04%	0.006%
70	10.135	2811	2813	2820	rVB6	1289	829	0.04%	0.005%
71	10.254	2839	2850	2873	rBV	577612	915292	43.21%	5.801%

LSC Area Percent Report

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ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BT6

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\SOMVLM120219WMA.M
Title : VOC Analysis

72	10.376	2886	2888	2892	rBV4	1296	933	0.04%	0.006%
73	10.559	2942	2945	2948	rBV5	1257	925	0.04%	0.006%
74	10.727	2994	2997	2999	rBV2	1166	827	0.04%	0.005%
75	10.739	2999	3001	3003	rBV2	811	340	0.02%	0.002%
76	10.775	3009	3012	3013	rBV3	1289	717	0.03%	0.005%
77	10.817	3022	3025	3026	rBV2	1428	727	0.03%	0.005%
78	10.958	3066	3069	3077	rBV6	1574	2100	0.10%	0.013%
79	11.026	3086	3090	3091	rBV3	1586	1043	0.05%	0.007%
80	11.048	3095	3097	3100	rBV2	938	681	0.03%	0.004%
81	11.125	3118	3121	3123	rBV4	1144	645	0.03%	0.004%
82	11.289	3160	3172	3189	rBV	826729	1287328	60.78%	8.158%
83	11.665	3278	3289	3305	rBV	812311	1288374	60.83%	8.165%
84	12.000	3391	3393	3394	rBV2	1703	802	0.04%	0.005%
85	12.337	3496	3498	3500	rBV3	1306	685	0.03%	0.004%
86	12.553	3563	3565	3567	rVB2	1574	567	0.03%	0.004%
87	12.652	3594	3596	3598	rBV2	841	327	0.02%	0.002%
88	12.665	3598	3600	3602	rBV4	1134	511	0.02%	0.003%
89	12.736	3619	3622	3624	rBV2	1688	956	0.05%	0.006%
90	12.842	3653	3655	3657	rVB2	1429	690	0.03%	0.004%
91	13.087	3727	3731	3734	rBV4	1135	869	0.04%	0.006%
92	13.206	3767	3768	3772	rVB3	926	385	0.02%	0.002%
93	13.405	3826	3830	3832	rBV4	1861	1437	0.07%	0.009%
94	13.550	3872	3875	3876	rBV2	1477	752	0.04%	0.005%
95	14.022	4017	4022	4024	rBV4	2176	2405	0.11%	0.015%
96	14.353	4123	4125	4130	rBV5	2294	1799	0.08%	0.011%

Sum of corrected areas: 15779256

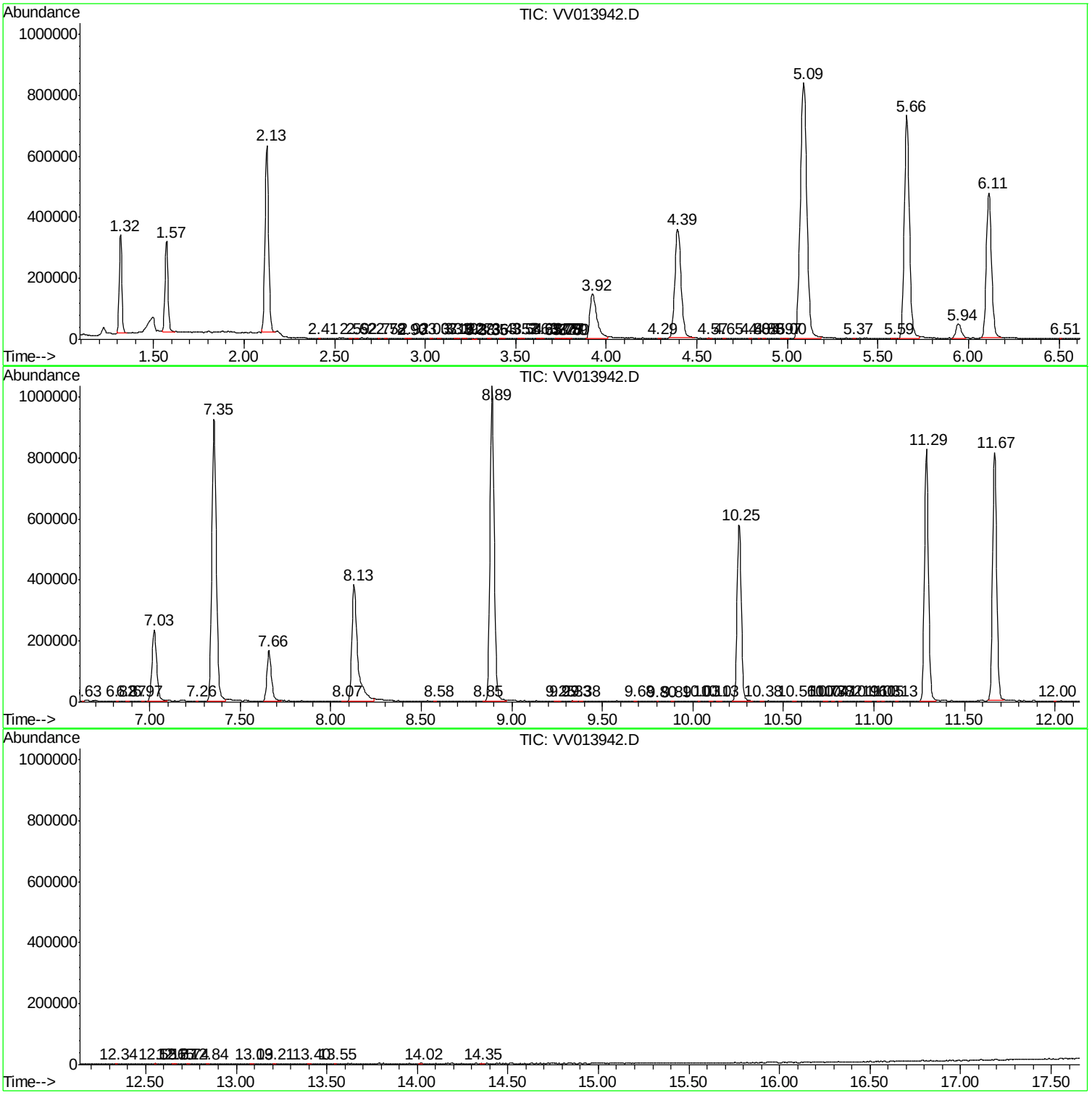
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120619\
Data File : VV013942.D
Acq On : 06 Dec 2019 15:02
Operator : SY/MD
Sample : K6170-22
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BT6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.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\VV120619\
Data File : VV013942.D
Acq On : 06 Dec 2019 15:02
Operator : SY/MD
Sample : K6170-22
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0BT6

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

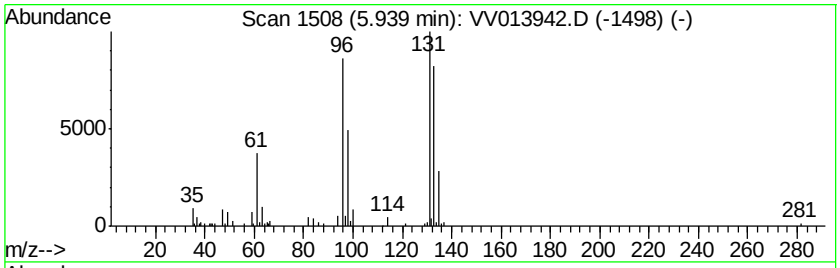
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

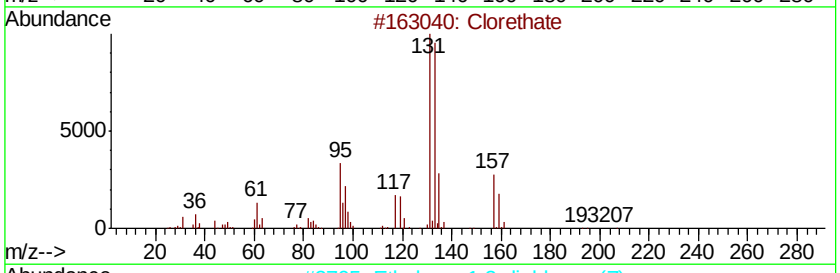
****

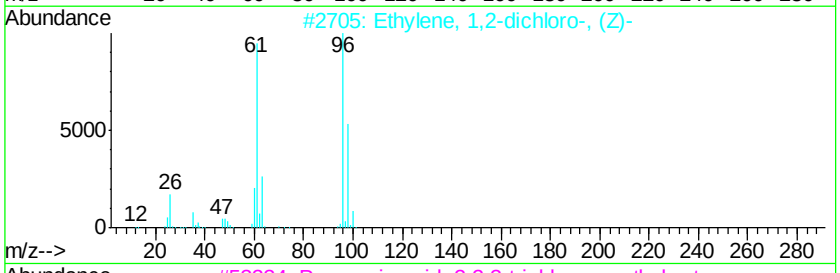
Peak Number 1 unknown-01 Concentration Rank 2

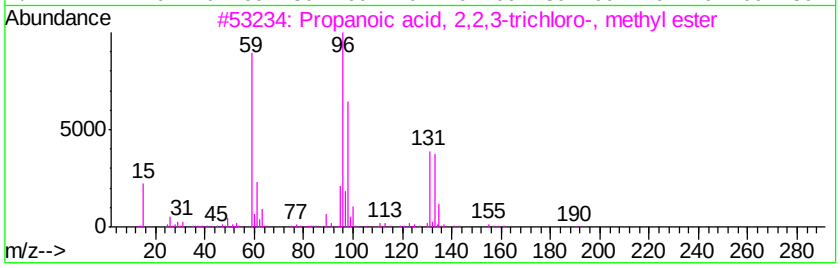
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	3.52 ug/L	101514	1,4-Difluorobenzene	5.66

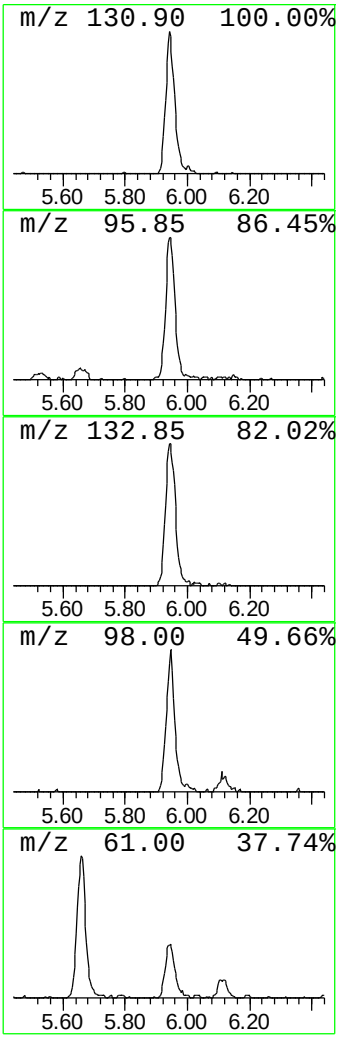
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Clorethate	322	C5H4Cl6O3	005634-37-7	38
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	37
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	16
5	Benzene, fluoro-	96	C6H5F	000462-06-6	9











Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120619\
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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
unknown-01	5.94	3.5	ug/L	101514	1	5.66	1442470	50.0