LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121019\
Data File : VV013996.D
Acq On : 10 Dec 2019 19:02
Operator : SY/MD
Sample : K6202-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0C18

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	87	rVB	234610	236384	13.48%	1.726%
2	1.563	141	147	160	rVB	247446	290471	16.57%	2.121%
3	2.123	313	321	333	rVB	476015	655187	37.38%	4.784%
4	2.640	475	482	484	rBV5	2303	2132	0.12%	0.016%
5	2.743	512	514	517	rBV3	947	643	0.04%	0.005%
6	2.772	520	523	525	rBV3	1431	911	0.05%	0.007%
7	2.897	559	562	565	rVB2	1064	850	0.05%	0.006%
8	2.933	571	573	575	rVV3	897	371	0.02%	0.003%
9	2.959	579	581	586	rVB4	1286	997	0.06%	0.007%
10	3.000	586	594	596	rBV7	1724	2143	0.12%	0.016%
11	3.068	612	615	617	rBV3	1254	692	0.04%	0.005%
12	3.110	626	628	632	rBV2	1064	835	0.05%	0.006%
13	3.184	649	651	656	rVB3	840	563	0.03%	0.004%
14	3.322	691	694	696	rVB3	1324	671	0.04%	0.005%
15	3.476	740	742	745	rVB4	863	387	0.02%	0.003%
16	3.550	762	765	766	rVB	1033	378	0.02%	0.003%
17	3.621	783	787	789	rBV5	1204	947	0.05%	0.007%
18	3.701	810	812	815	rBV3	1308	784	0.04%	0.006%
19	3.714	815	816	820	rVV3	644	435	0.02%	0.003%
20	3.740	822	824	828	rVB4	1161	722	0.04%	0.005%
21	3.762	828	831	833	rBV3	1210	617	0.04%	0.005%
22	3.778	833	836	839	rBV3	999	774	0.04%	0.006%
23	3.811	844	846	849	rVB3	755	425	0.02%	0.003%
24	3.830	849	852	855	rVB2	1023	697	0.04%	0.005%
25	3.846	855	857	861	rBV3	590	382	0.02%	0.003%
26	3.862	861	862	866	rBV4	699	539	0.03%	0.004%
27	3.885	866	869	870	rBV3	982	533	0.03%	0.004%
28	3.923	870	881	912	rBV	136316	367315	20.95%	2.682%
29	4.203	966	968	972	rBV3	1493	720	0.04%	0.005%
30	4.245	979	981	985	rVB5	934	546	0.03%	0.004%
31	4.325	999	1006	1009	rBV9	2099	2691	0.15%	0.020%
32	4.396	1012	1028	1056	rVV	293809	723170	41.25%	5.281%
33	4.592	1087	1089	1091	rBV3	940	507	0.03%	0.004%
34	4.650	1105	1107	1109	rBV2	1383	687	0.04%	0.005%

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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0C18

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\SOMVLM120219WMA.M
Title : VOC Analysis

35	4.666	1109	1112	1113	rBV3	1419	771	0.04%	0.006%
36	4.695	1119	1121	1124	rBV3	1125	613	0.03%	0.004%
37	4.788	1148	1150	1153	rVB2	1141	612	0.03%	0.004%
38	4.804	1153	1155	1158	rBV3	715	423	0.02%	0.003%
39	4.827	1158	1162	1166	rVV7	1123	1175	0.07%	0.009%
40	4.846	1166	1168	1172	rVB4	1383	1037	0.06%	0.008%
41	4.868	1172	1175	1176	rBV3	1386	753	0.04%	0.005%
42	4.923	1190	1192	1194	rBV3	1059	486	0.03%	0.004%
43	4.984	1204	1211	1212	rBV5	1709	1178	0.07%	0.009%
44	5.090	1222	1244	1269	rBV2	693950	1752985	100.00%	12.801%
45	5.659	1408	1421	1450	rBV	686780	1347742	76.88%	9.842%
46	5.946	1498	1510	1527	rVB2	33869	71919	4.10%	0.525%
47	6.055	1540	1544	1546	rBV5	1500	1254	0.07%	0.009%
48	6.113	1549	1562	1584	rVV	391925	788455	44.98%	5.758%
49	6.476	1673	1675	1677	rBV3	1221	524	0.03%	0.004%
50	6.891	1799	1804	1805	rBV3	1205	724	0.04%	0.005%
51	6.945	1818	1821	1822	rBV3	1183	740	0.04%	0.005%
52	7.026	1833	1846	1863	rBV	190757	344574	19.66%	2.516%
53	7.174	1889	1892	1895	rBV5	2631	1957	0.11%	0.014%
54	7.357	1936	1949	1969	rBV	736282	1262894	72.04%	9.222%
55	7.614	2027	2029	2030	rBV2	1567	702	0.04%	0.005%
56	7.659	2033	2043	2060	rVV	136642	236797	13.51%	1.729%
57	7.910	2119	2121	2124	rBV2	2025	1297	0.07%	0.009%
58	7.952	2131	2134	2136	rBV2	1285	833	0.05%	0.006%
59	8.071	2169	2171	2175	rVB4	1340	730	0.04%	0.005%
60	8.090	2175	2177	2178	rBV2	1302	670	0.04%	0.005%
61	8.129	2178	2189	2222	rBV3	369962	785861	44.83%	5.739%
62	8.431	2281	2283	2287	rVB4	2702	1398	0.08%	0.010%
63	8.524	2310	2312	2313	rBV2	1163	410	0.02%	0.003%
64	8.624	2340	2343	2346	rBV3	1459	987	0.06%	0.007%
65	8.701	2360	2367	2369	rBV6	2064	1793	0.10%	0.013%
66	8.891	2414	2426	2442	rBV	974161	1562675	89.14%	11.411%
67	9.306	2552	2555	2558	rBV4	764	472	0.03%	0.003%
68	9.402	2578	2585	2587	rBV7	1165	1391	0.08%	0.010%
69	9.476	2606	2608	2613	rVB4	1253	614	0.04%	0.004%
70	9.608	2647	2649	2651	rBV3	839	402	0.02%	0.003%
71	9.653	2660	2663	2664	rBV2	1467	796	0.05%	0.006%

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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0C18

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	9.685	2670	2673	2676	rBV3	1749	1432	0.08%	0.010%
73	9.865	2726	2729	2731	rBV4	1388	600	0.03%	0.004%
74	9.923	2741	2747	2749	rVB4	1530	1200	0.07%	0.009%
75	9.949	2753	2755	2757	rBV3	978	534	0.03%	0.004%
76	9.978	2760	2764	2765	rBV4	1028	678	0.04%	0.005%
77	10.090	2796	2799	2802	rVV4	1012	925	0.05%	0.007%
78	10.196	2828	2832	2836	rBV5	1360	1221	0.07%	0.009%
79	10.254	2836	2850	2865	rBV	515064	812408	46.34%	5.933%
80	10.489	2921	2923	2927	rBV3	944	525	0.03%	0.004%
81	10.624	2962	2965	2968	rBV4	1058	763	0.04%	0.006%
82	10.656	2973	2975	2980	rBV3	826	659	0.04%	0.005%
83	10.701	2987	2989	2990	rBV2	918	450	0.03%	0.003%
84	10.733	2996	2999	3000	rBV2	1135	535	0.03%	0.004%
85	10.881	3042	3045	3046	rBV2	1004	516	0.03%	0.004%
86	10.904	3050	3052	3054	rVB3	1225	469	0.03%	0.003%
87	10.949	3063	3066	3067	rBV3	2436	1393	0.08%	0.010%
88	11.042	3091	3095	3096	rBV4	747	457	0.03%	0.003%
89	11.289	3159	3172	3190	rBV	814889	1264246	72.12%	9.232%
90	11.592	3263	3266	3268	rBV3	1337	791	0.05%	0.006%
91	11.666	3278	3289	3310	rBV	707021	1120731	63.93%	8.184%
92	12.093	3420	3422	3426	rBV3	1429	1008	0.06%	0.007%
93	12.164	3440	3444	3445	rBV4	2435	1407	0.08%	0.010%
94	12.196	3451	3454	3459	rBV6	2139	1499	0.09%	0.011%
95	12.569	3568	3570	3576	rVB6	1676	1521	0.09%	0.011%
96	12.640	3591	3592	3595	rVB3	1148	528	0.03%	0.004%
97	12.829	3648	3651	3653	rBV4	1077	672	0.04%	0.005%
98	12.871	3662	3664	3665	rBV2	1002	454	0.03%	0.003%
99	13.003	3700	3705	3707	rBV4	1612	1301	0.07%	0.010%
100	13.392	3823	3826	3827	rBV2	1267	518	0.03%	0.004%

Sum of corrected areas: 13694191

LSC Report - Integrated Chromatogram

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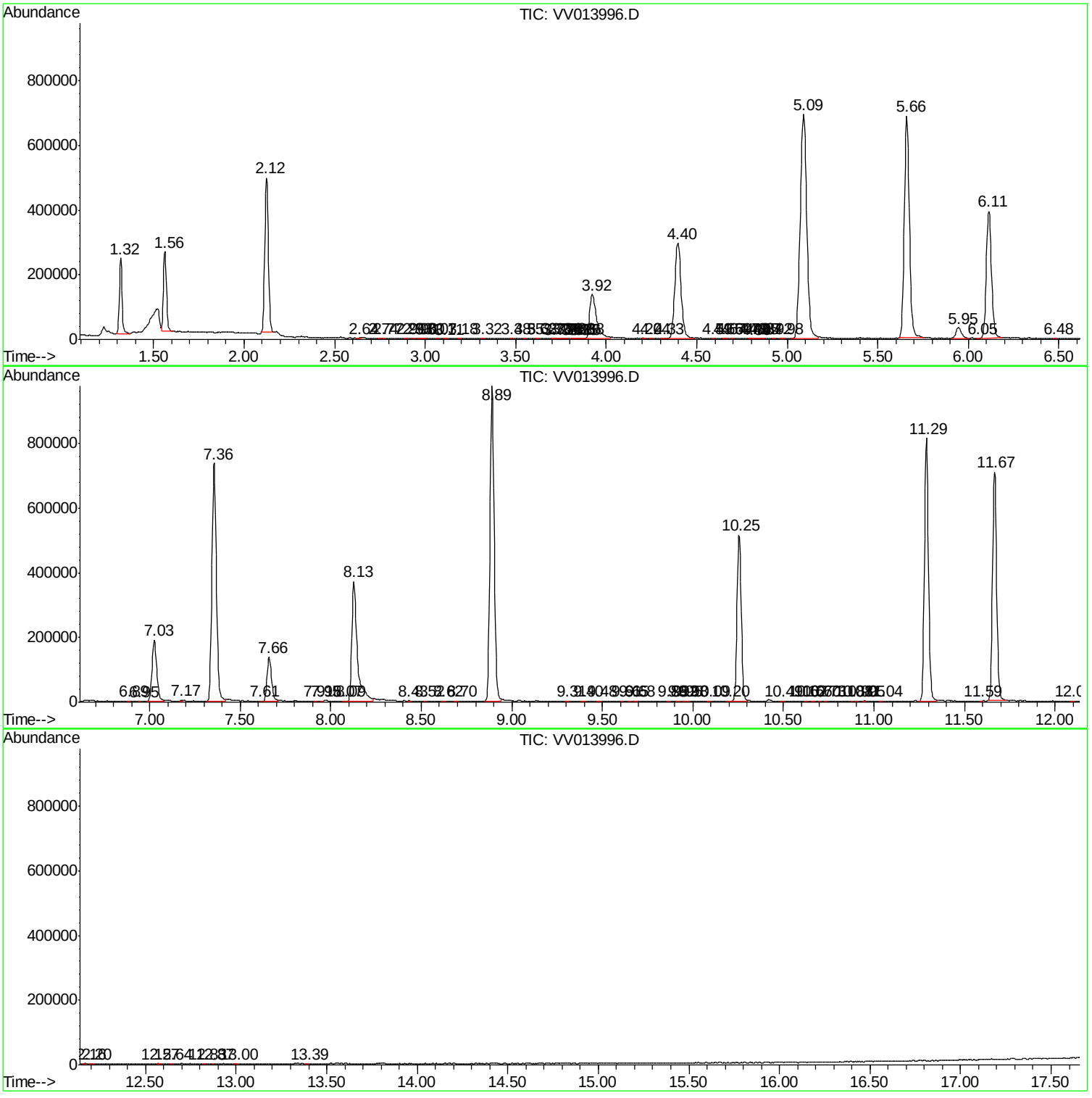
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0C18

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\VV121019\
Data File : VV013996.D
Acq On : 10 Dec 2019 19:02
Operator : SY/MD
Sample : K6202-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0C18

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

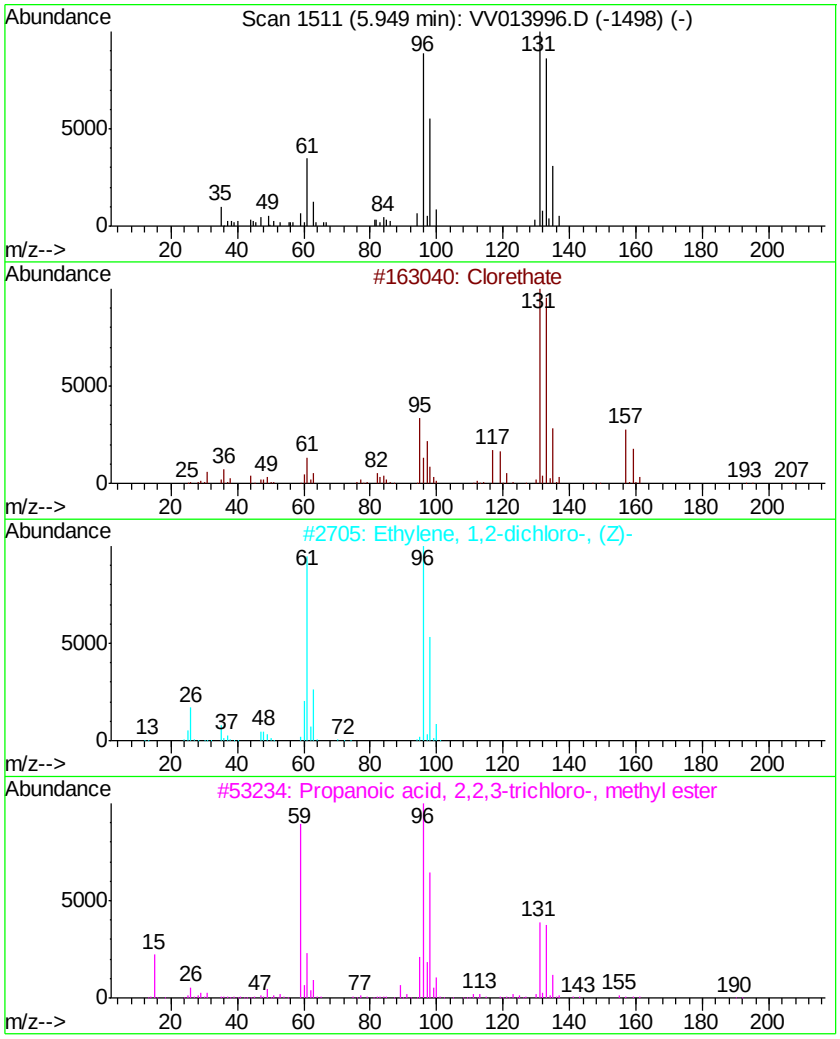
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

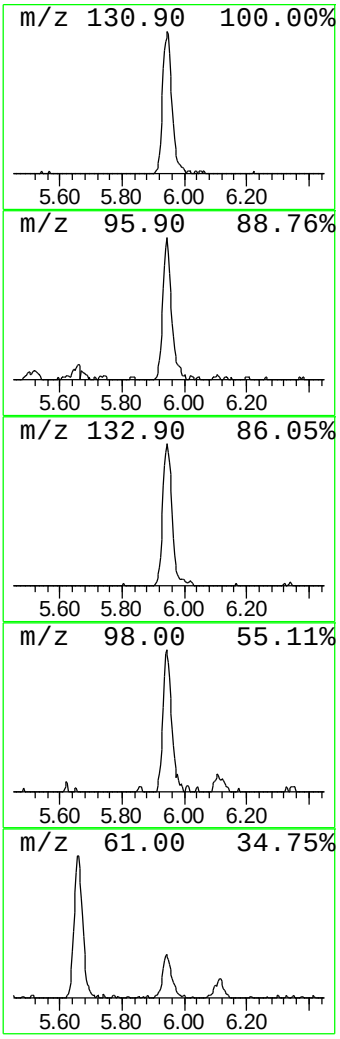
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	2.67 ug/L	71919	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	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
5	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	16





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	5.95	2.7	ug/L	71919	1	5.66	1347740	50.0