LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061219\
Data File : VU032658.D
Acq On : 12 Jun 2019 17:40
Operator : JC/SP
Sample : K3314-06
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M21

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_U\METHOD\SOMULM060619WMA.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	1.180	24	28	35	rVB	3748	3135	0.55%	0.068%
2	1.396	88	95	108	rVB	83100	83257	14.72%	1.809%
3	1.675	175	182	197	rVB	62374	76787	13.57%	1.669%
4	2.267	356	366	378	rBV	133819	197097	34.84%	4.283%
5	2.444	411	421	436	rBV	7727	14458	2.56%	0.314%
6	2.569	457	460	463	rVB	332	234	0.04%	0.005%
7	2.624	472	477	487	rVB	501	792	0.14%	0.017%
8	2.743	508	514	516	rBV2	256	290	0.05%	0.006%
9	2.788	525	528	530	rBV	233	143	0.03%	0.003%
10	2.836	530	543	556	rVB	5738	11833	2.09%	0.257%
11	2.933	569	573	575	rBV	201	160	0.03%	0.003%
12	3.035	601	605	611	rBV	215	205	0.04%	0.004%
13	3.158	639	643	647	rVV	280	282	0.05%	0.006%
14	3.190	647	653	662	rVB4	666	890	0.16%	0.019%
15	3.261	672	675	682	rBV2	175	175	0.03%	0.004%
16	3.402	714	719	723	rVV2	142	161	0.03%	0.003%
17	3.650	793	796	800	rVB	267	182	0.03%	0.004%
18	3.672	800	803	805	rBV	192	148	0.03%	0.003%
19	3.820	847	849	852	rVB2	285	166	0.03%	0.004%
20	3.846	852	857	860	rBV2	307	291	0.05%	0.006%
21	3.971	889	896	898	rBV2	202	212	0.04%	0.005%
22	4.170	946	958	994	rBV	54597	151898	26.85%	3.301%
23	4.498	1057	1060	1063	rVB3	224	140	0.02%	0.003%
24	4.585	1082	1087	1089	rBV2	178	138	0.02%	0.003%
25	4.643	1089	1105	1126	rBV	96839	226374	40.01%	4.919%
26	4.756	1139	1140	1144	rVB2	554	255	0.05%	0.006%
27	4.781	1144	1148	1149	rBV	233	179	0.03%	0.004%
28	4.859	1166	1172	1174	rBV	175	164	0.03%	0.004%
29	4.894	1180	1183	1185	rVB2	275	152	0.03%	0.003%
30	4.929	1191	1194	1198	rVB	247	165	0.03%	0.004%
31	4.955	1198	1202	1208	rVB2	125	138	0.02%	0.003%
32	4.987	1208	1212	1216	rBV2	166	183	0.03%	0.004%
33	5.010	1216	1219	1223	rVB2	196	141	0.02%	0.003%
34	5.103	1243	1248	1252	rVB2	254	213	0.04%	0.005%

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ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M21

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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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_U\METHOD\SOMULM060619WMA.M
Title : VOC Analysis

35	5.334	1297	1320	1350	rBV2	193904	565767	100.00%	12.295%
36	5.592	1396	1400	1403	rBV3	198	182	0.03%	0.004%
37	5.682	1425	1428	1433	rVB2	255	221	0.04%	0.005%
38	5.772	1449	1456	1460	rBV2	210	252	0.04%	0.005%
39	5.881	1477	1490	1513	rBV	181522	360952	63.80%	7.844%
40	6.170	1570	1580	1596	rVB3	9447	19060	3.37%	0.414%
41	6.325	1614	1628	1648	rBV	128037	254477	44.98%	5.530%
42	6.460	1668	1670	1676	rVB2	417	384	0.07%	0.008%
43	6.502	1680	1683	1688	rBV2	259	229	0.04%	0.005%
44	6.543	1692	1696	1702	rBV5	618	659	0.12%	0.014%
45	6.617	1717	1719	1724	rVB2	257	185	0.03%	0.004%
46	6.640	1724	1726	1730	rVB2	374	228	0.04%	0.005%
47	6.662	1730	1733	1735	rBV2	245	162	0.03%	0.004%
48	6.682	1735	1739	1743	rVB3	236	185	0.03%	0.004%
49	6.775	1762	1768	1770	rBV2	366	362	0.06%	0.008%
50	6.862	1791	1795	1797	rBV2	292	213	0.04%	0.005%
51	6.897	1803	1806	1815	rVB2	301	408	0.07%	0.009%
52	7.096	1863	1868	1872	rBV3	235	232	0.04%	0.005%
53	7.161	1883	1888	1894	rVB2	272	260	0.05%	0.006%
54	7.225	1894	1908	1936	rBV	70782	130482	23.06%	2.836%
55	7.383	1954	1957	1963	rVB2	356	293	0.05%	0.006%
56	7.431	1968	1972	1977	rVB2	202	155	0.03%	0.003%
57	7.466	1978	1983	1985	rBV2	145	139	0.02%	0.003%
58	7.559	1996	2012	2033	rBV	255028	448464	79.27%	9.746%
59	7.846	2092	2101	2122	rBV	46637	84396	14.92%	1.834%
60	8.003	2146	2150	2158	rVB3	323	419	0.07%	0.009%
61	8.174	2193	2203	2218	rVB3	7063	12980	2.29%	0.282%
62	8.309	2232	2245	2278	rBV	150534	301554	53.30%	6.553%
63	8.913	2427	2433	2436	rBV3	320	394	0.07%	0.009%
64	9.006	2458	2462	2464	rBV2	165	152	0.03%	0.003%
65	9.083	2474	2486	2517	rBV	265134	452203	79.93%	9.827%
66	9.379	2574	2578	2587	rBV3	495	724	0.13%	0.016%
67	9.418	2587	2590	2594	rVB2	324	231	0.04%	0.005%
68	9.495	2611	2614	2618	rBV2	165	142	0.03%	0.003%
69	9.521	2619	2622	2626	rVB2	203	153	0.03%	0.003%
70	9.614	2646	2651	2658	rBV2	220	257	0.05%	0.006%
71	9.714	2679	2682	2688	rVB2	226	235	0.04%	0.005%

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ClientSampleId : C0M21

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_U\METHOD\SOMULM060619WMA.M
Title : VOC Analysis

72	9.759	2693	2696	2700	rBV2	149	157	0.03%	0.003%
73	9.807	2702	2711	2717	rBV7	1541	2656	0.47%	0.058%
74	9.858	2723	2727	2732	rBV2	247	220	0.04%	0.005%
75	10.151	2814	2818	2822	rVB2	227	198	0.03%	0.004%
76	10.427	2892	2904	2926	rBV	170625	277464	49.04%	6.030%
77	10.604	2949	2959	2970	rVB2	12013	19193	3.39%	0.417%
78	10.736	2997	3000	3007	rVB2	282	232	0.04%	0.005%
79	10.781	3011	3014	3018	rBV2	199	140	0.02%	0.003%
80	10.897	3047	3050	3056	rVB2	202	144	0.03%	0.003%
81	10.929	3056	3060	3067	rBV2	167	218	0.04%	0.005%
82	11.225	3147	3152	3155	rVB2	206	207	0.04%	0.004%
83	11.479	3219	3231	3263	rBV	278180	450940	79.70%	9.800%
84	11.768	3314	3321	3326	rBV3	401	548	0.10%	0.012%
85	11.855	3336	3348	3379	rBV	260454	432356	76.42%	9.396%
86	12.254	3469	3472	3475	rBV2	253	139	0.02%	0.003%
87	12.476	3533	3541	3552	rVB2	3138	4643	0.82%	0.101%
88	12.575	3568	3572	3575	rBV	175	163	0.03%	0.004%
89	13.556	3875	3877	3883	rVB3	281	217	0.04%	0.005%
90	13.759	3937	3940	3944	rBV2	283	258	0.05%	0.006%
91	13.781	3944	3947	3950	rVV2	245	184	0.03%	0.004%
92	13.865	3970	3973	3977	rVB	260	137	0.02%	0.003%
93	13.971	4002	4006	4009	rBV3	480	369	0.07%	0.008%
94	14.032	4021	4025	4026	rBV	395	280	0.05%	0.006%
95	14.061	4032	4034	4037	rVB	261	134	0.02%	0.003%
96	14.080	4037	4040	4043	rBV3	277	228	0.04%	0.005%
97	14.209	4076	4080	4082	rBV	265	189	0.03%	0.004%
98	14.228	4084	4086	4089	rVB	414	207	0.04%	0.004%
99	14.263	4089	4097	4098	rBV2	814	756	0.13%	0.016%
100	15.086	4350	4353	4354	rBV2	295	187	0.03%	0.004%

Sum of corrected areas: 4601593

LSC Report - Integrated Chromatogram

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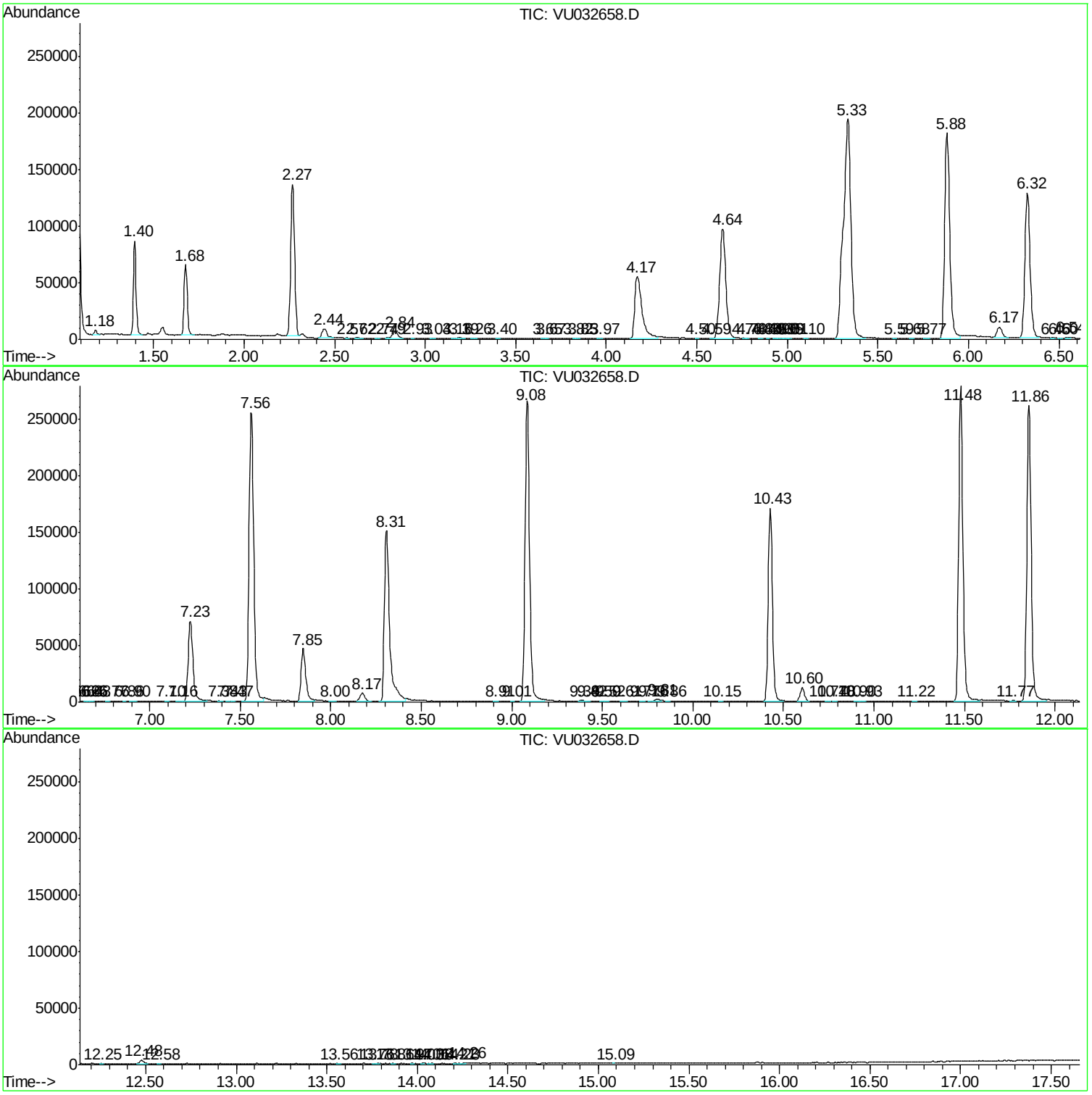
Instrument : MSVOA_U
ClientSampleId : C0M21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.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_U\DATA\VU061219\
Data File : VU032658.D
Acq On : 12 Jun 2019 17:40
Operator : JC/SP
Sample : K3314-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0M21

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis

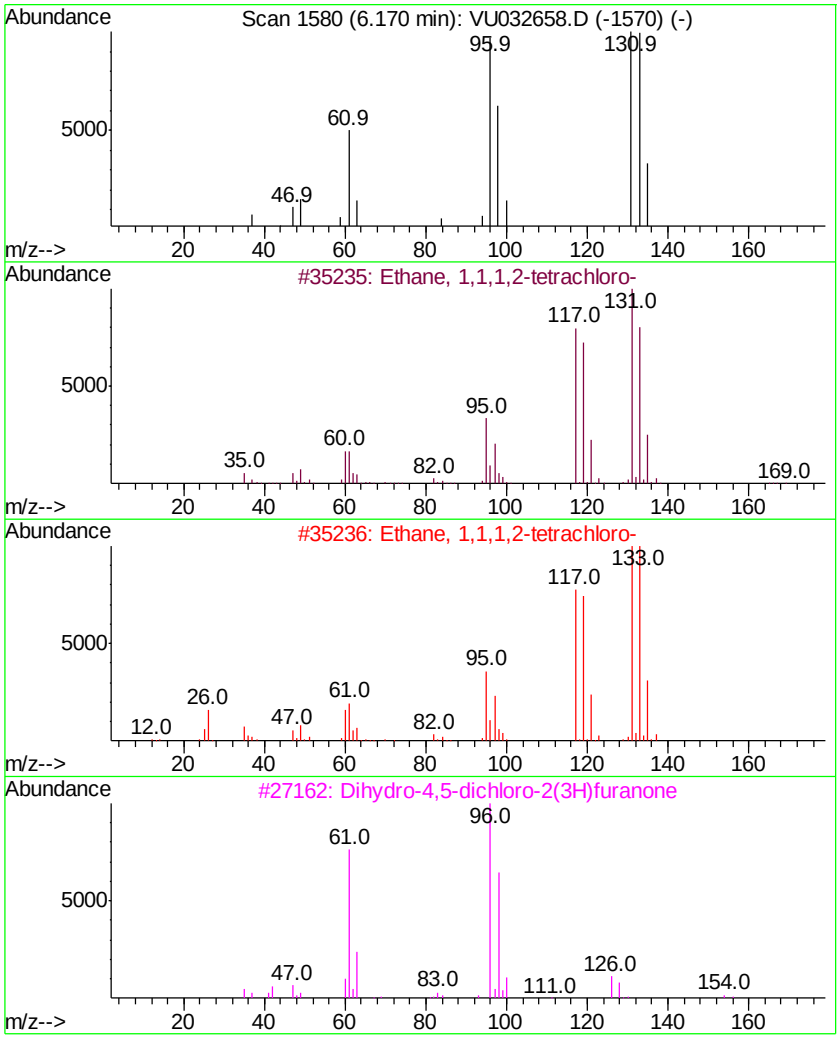
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

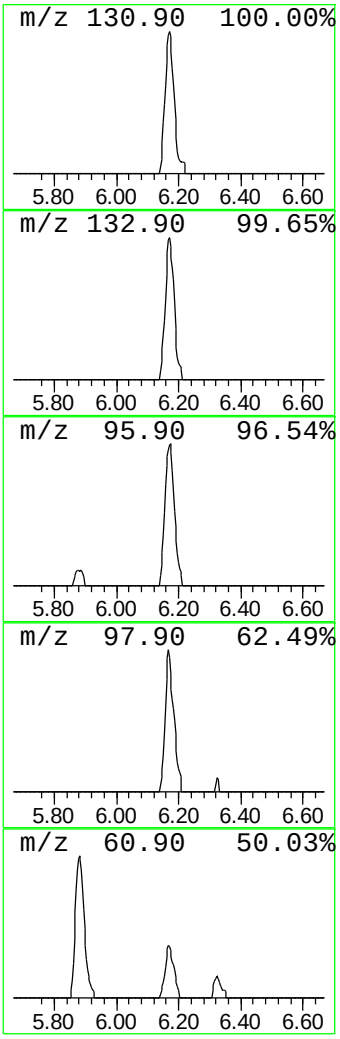
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.17	2.64 ug/L	19060	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	32
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
5	2-Oxazolidinethione, 4,4-dimethyl-	131	C5H9NOS	054013-55-7	9





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	6.17	2.6	ug/L	19060	1	5.88	360952	50.0