LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101019\
Data File : VU035028.D
Acq On : 09 Oct 2019 23:22
Operator : JC/SP
Sample : K5265-13
Misc : 6.96g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBAS4

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\SOMULM100319WMA.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	1.389	86	93	109	rVB	167809	193489	14.18%	1.798%
2	1.556	128	145	146	rBV2	37588	70894	5.20%	0.659%
3	1.634	164	169	182	rVB	152079	157691	11.56%	1.465%
4	2.232	345	355	370	rVB	292789	437515	32.07%	4.065%
5	2.540	448	451	454	rBV2	500	385	0.03%	0.004%
6	2.672	484	492	503	rVB3	2642	4535	0.33%	0.042%
7	2.733	509	511	514	rVB	325	150	0.01%	0.001%
8	2.814	521	536	555	rBV2	34328	81589	5.98%	0.758%
9	3.103	623	626	629	rVB	341	177	0.01%	0.002%
10	3.138	633	637	643	rBV2	213	207	0.02%	0.002%
11	3.183	649	651	654	rVB	418	234	0.02%	0.002%
12	3.238	665	668	670	rVV2	251	179	0.01%	0.002%
13	3.264	673	676	680	rVB2	514	347	0.03%	0.003%
14	3.350	699	703	706	rBV2	237	173	0.01%	0.002%
15	3.405	716	720	722	rBV	225	162	0.01%	0.002%
16	3.614	782	785	789	rVB2	244	194	0.01%	0.002%
17	3.768	829	833	837	rVB2	295	203	0.01%	0.002%
18	3.797	837	842	846	rBV2	221	214	0.02%	0.002%
19	3.855	857	860	864	rBV2	180	153	0.01%	0.001%
20	4.048	914	920	926	rBV2	667	783	0.06%	0.007%
21	4.164	944	956	1012	rBV	89775	312212	22.88%	2.901%
22	4.415	1032	1034	1038	rVB3	274	151	0.01%	0.001%
23	4.621	1081	1098	1124	rBV	201650	507274	37.18%	4.713%
24	4.842	1162	1167	1171	rBV2	523	709	0.05%	0.007%
25	4.920	1188	1191	1193	rBV2	412	284	0.02%	0.003%
26	4.939	1193	1197	1198	rBV3	295	160	0.01%	0.001%
27	5.032	1222	1226	1227	rBV2	317	187	0.01%	0.002%
28	5.161	1264	1266	1271	rVB2	282	212	0.02%	0.002%
29	5.309	1288	1312	1347	rBV2	472192	1364430	100.00%	12.677%
30	5.595	1393	1401	1415	rVV6	1910	4655	0.34%	0.043%
31	5.665	1421	1423	1427	rVB2	388	282	0.02%	0.003%
32	5.862	1469	1484	1507	rBV	474605	970273	71.11%	9.015%
33	6.074	1548	1550	1554	rVB2	231	155	0.01%	0.001%
34	6.151	1570	1574	1576	rBV4	747	593	0.04%	0.006%

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Sample : K5265-13
Misc : 6.96g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBAS4

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\SOMULM100319WMA.M
Title : VOC Analysis

35	6.231	1591	1599	1601	rBV2	2394	2930	0.21%	0.027%
36	6.305	1608	1622	1647	rBV	300532	619958	45.44%	5.760%
37	6.392	1647	1649	1652	rVB2	909	445	0.03%	0.004%
38	6.479	1673	1676	1678	rBV2	371	262	0.02%	0.002%
39	6.537	1689	1694	1698	rBV2	332	320	0.02%	0.003%
40	6.579	1704	1707	1709	rVV2	334	228	0.02%	0.002%
41	6.643	1722	1727	1730	rVV2	207	194	0.01%	0.002%
42	6.675	1735	1737	1741	rVB2	278	149	0.01%	0.001%
43	6.723	1748	1752	1757	rBV2	486	460	0.03%	0.004%
44	6.813	1777	1780	1785	rBV2	157	174	0.01%	0.002%
45	6.878	1793	1800	1805	rBV6	1394	2016	0.15%	0.019%
46	7.032	1842	1848	1851	rBV2	207	184	0.01%	0.002%
47	7.058	1851	1856	1859	rVB2	228	155	0.01%	0.001%
48	7.083	1859	1864	1867	rBV	288	219	0.02%	0.002%
49	7.209	1890	1903	1928	rBV2	138803	275106	20.16%	2.556%
50	7.399	1958	1962	1964	rBV3	522	400	0.03%	0.004%
51	7.466	1974	1983	1994	rVB3	5053	9445	0.69%	0.088%
52	7.543	1994	2007	2031	rBV	586882	1060761	77.74%	9.856%
53	7.833	2086	2097	2123	rBV2	89865	183599	13.46%	1.706%
54	7.945	2130	2132	2137	rVB3	714	475	0.03%	0.004%
55	8.029	2155	2158	2161	rVB3	529	289	0.02%	0.003%
56	8.119	2182	2186	2190	rBV2	474	332	0.02%	0.003%
57	8.145	2190	2194	2199	rBV2	386	508	0.04%	0.005%
58	8.206	2208	2213	2222	rBV4	388	581	0.04%	0.005%
59	8.263	2227	2231	2232	rBV2	269	152	0.01%	0.001%
60	8.305	2232	2244	2283	rBV	336475	702372	51.48%	6.526%
61	8.646	2346	2350	2355	rVB2	601	567	0.04%	0.005%
62	8.775	2388	2390	2400	rVB4	521	605	0.04%	0.006%
63	8.816	2400	2403	2405	rBV2	341	251	0.02%	0.002%
64	8.833	2405	2408	2410	rBV2	195	165	0.01%	0.002%
65	8.887	2420	2425	2427	rBV2	712	697	0.05%	0.006%
66	9.009	2458	2463	2467	rBV3	381	350	0.03%	0.003%
67	9.070	2469	2482	2511	rBV	687406	1237114	90.67%	11.494%
68	9.328	2559	2562	2564	rBV2	335	229	0.02%	0.002%
69	9.366	2571	2574	2579	rBV4	383	280	0.02%	0.003%
70	9.485	2605	2611	2615	rBV2	363	486	0.04%	0.005%
71	9.694	2671	2676	2679	rBV2	309	231	0.02%	0.002%

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Misc : 6.96g/5mL/100uL/5.0mL/MSVOA_U/MEOH
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Instrument : MSVOA_U
ClientSampleId : DBAS4

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\SOMULM100319WMA.M
Title : VOC Analysis

72	9.759	2691	2696	2698	rBV2	371	294	0.02%	0.003%
73	9.771	2698	2700	2705	rVV2	427	394	0.03%	0.004%
74	9.807	2709	2711	2718	rVB2	276	260	0.02%	0.002%
75	9.861	2723	2728	2732	rBV2	198	253	0.02%	0.002%
76	9.939	2749	2752	2756	rVB2	423	243	0.02%	0.002%
77	9.961	2756	2759	2762	rBV2	272	148	0.01%	0.001%
78	10.035	2777	2782	2785	rBV3	343	316	0.02%	0.003%
79	10.087	2794	2798	2802	rBV3	171	154	0.01%	0.001%
80	10.161	2816	2821	2824	rVB2	440	369	0.03%	0.003%
81	10.177	2824	2826	2830	rBV2	258	197	0.01%	0.002%
82	10.202	2830	2834	2840	rVB3	484	503	0.04%	0.005%
83	10.251	2845	2849	2851	rBV	247	208	0.02%	0.002%
84	10.296	2861	2863	2868	rVB2	240	198	0.01%	0.002%
85	10.415	2887	2900	2925	rBV	432122	719948	52.77%	6.689%
86	10.585	2950	2953	2955	rBV2	514	362	0.03%	0.003%
87	10.627	2964	2966	2970	rVB2	356	209	0.02%	0.002%
88	10.652	2970	2974	2980	rBV3	272	347	0.03%	0.003%
89	10.681	2980	2983	2986	rVB2	345	232	0.02%	0.002%
90	10.849	3032	3035	3041	rVB	426	343	0.03%	0.003%
91	10.942	3061	3064	3067	rBV2	293	238	0.02%	0.002%
92	11.273	3165	3167	3169	rBV2	268	166	0.01%	0.002%
93	11.466	3214	3227	3250	rBV	575375	980485	71.86%	9.110%
94	11.842	3330	3344	3366	rBV	485413	840847	61.63%	7.812%
95	12.109	3424	3427	3431	rBV4	711	633	0.05%	0.006%
96	12.183	3447	3450	3454	rBV2	539	484	0.04%	0.004%
97	12.733	3618	3621	3625	rBV3	367	259	0.02%	0.002%
98	13.070	3723	3726	3729	rBV	463	360	0.03%	0.003%
99	13.533	3864	3870	3873	rBV2	625	820	0.06%	0.008%
100	13.620	3895	3897	3902	rBV3	351	178	0.01%	0.002%

Sum of corrected areas: 10762988

LSC Report - Integrated Chromatogram

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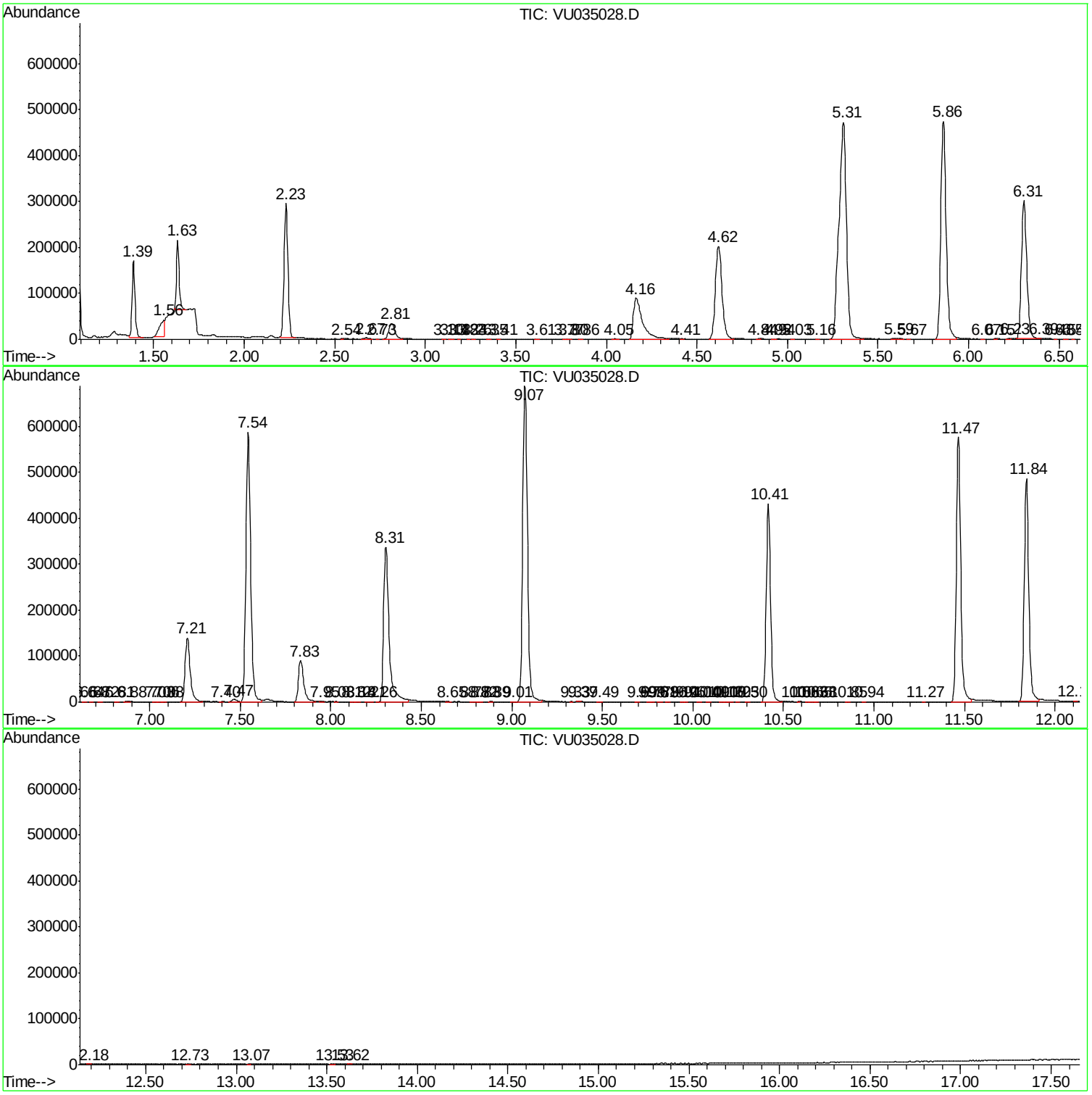
Instrument : MSVOA_U
ClientSampleId : DBAS4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100319WMA.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\VU101019\
Data File : VU035028.D
Acq On : 09 Oct 2019 23:22
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Sample : K5265-13
Misc : 6.96g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBAS4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100319WMA.M
Quant Title : VOC Analysis

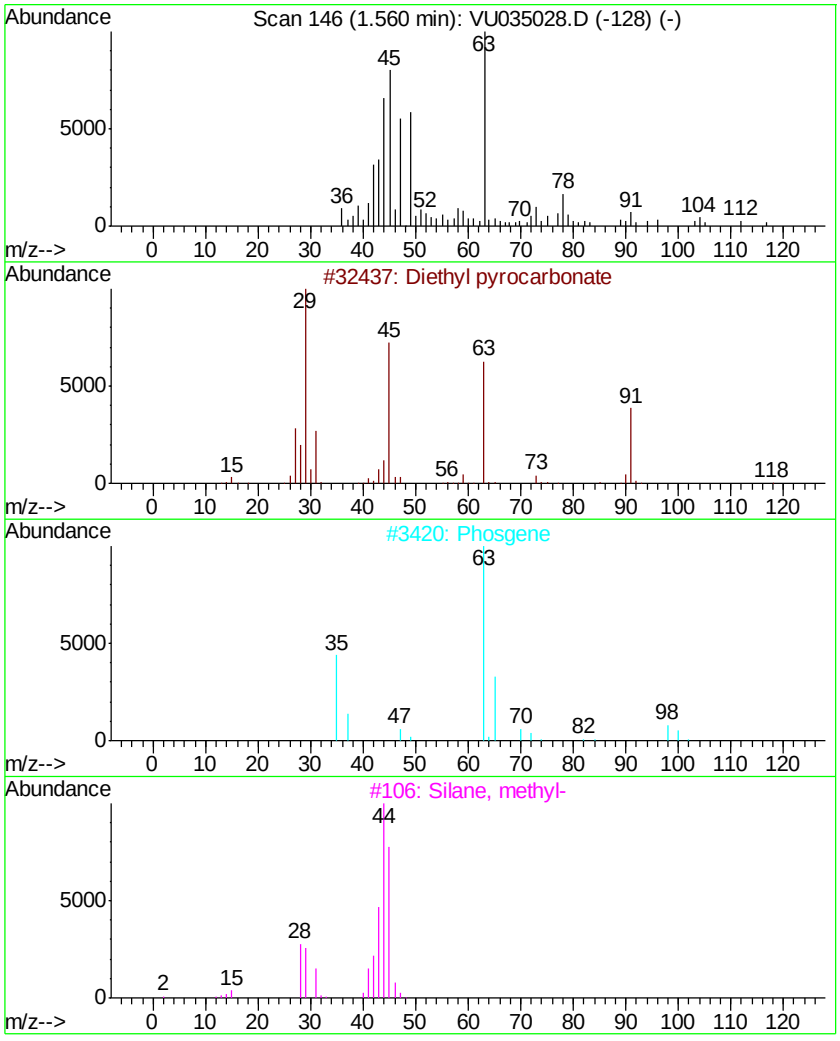
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

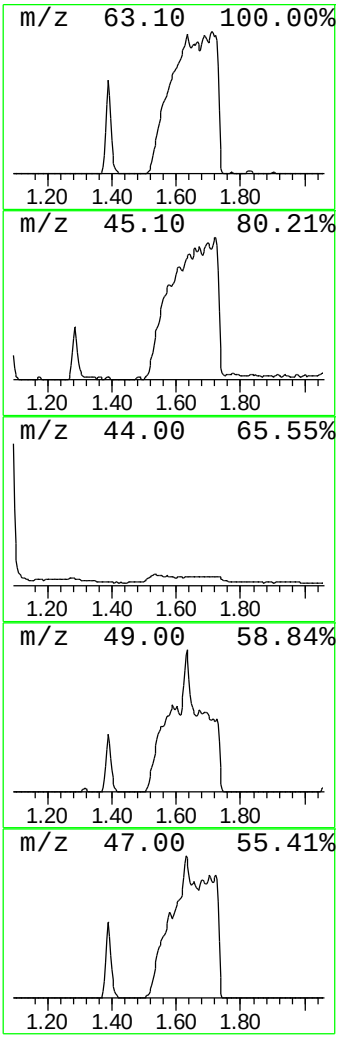
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.56	3.65 ug/L	70894	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyl pyrocarbonate	162	C6H10O5	001609-47-8	35
2	Phosgene	98	CCl2O	000075-44-5	25
3	Silane, methyl-	46	CH6Si	000992-94-9	11
4	Methane, chloromethoxy-	80	C2H5ClO	000107-30-2	9
5	Ethylamine	45	C2H7N	000075-04-7	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101019\
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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	1.56	3.6	ug/L	70894	1	5.86	970273	50.0