LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072619\
Data File : VU033442.D
Acq On : 26 Jul 2019 10:58
Operator : JC/SP
Sample : K3957-20DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2A14DL

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\SOMULM071219WMA.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	106	rBV	172261	181885	16.19%	1.958%
2	1.550	133	143	153	rVB3	26961	38453	3.42%	0.414%
3	1.669	172	180	198	rBV	138345	183135	16.30%	1.971%
4	2.254	352	362	374	rBV	286977	432320	38.48%	4.653%
5	2.431	406	417	437	rBV	12768	24600	2.19%	0.265%
6	2.511	440	442	447	rBV2	265	276	0.02%	0.003%
7	2.682	490	495	496	rBV	686	610	0.05%	0.007%
8	2.817	526	537	549	rVB3	5832	11850	1.05%	0.128%
9	2.949	574	578	582	rVB3	393	286	0.03%	0.003%
10	2.981	586	588	593	rVB2	336	228	0.02%	0.002%
11	3.389	711	715	720	rBV2	200	212	0.02%	0.002%
12	3.611	780	784	787	rBV	249	232	0.02%	0.002%
13	3.637	789	792	798	rVB2	400	344	0.03%	0.004%
14	3.666	798	801	804	rBV2	283	259	0.02%	0.003%
15	3.762	825	831	837	rBV2	189	237	0.02%	0.003%
16	3.807	839	845	849	rVB2	313	342	0.03%	0.004%
17	3.913	871	878	883	rVB2	199	260	0.02%	0.003%
18	4.151	939	952	981	rBV	88933	256844	22.86%	2.764%
19	4.367	1009	1019	1044	rVB3	10810	29655	2.64%	0.319%
20	4.621	1081	1098	1125	rBV	183899	457467	40.72%	4.923%
21	4.752	1135	1139	1141	rBV3	815	671	0.06%	0.007%
22	4.807	1150	1156	1159	rBV2	352	370	0.03%	0.004%
23	4.932	1191	1195	1199	rBV2	250	226	0.02%	0.002%
24	4.965	1200	1205	1209	rVV	252	288	0.03%	0.003%
25	5.029	1219	1225	1229	rBV2	228	213	0.02%	0.002%
26	5.067	1234	1237	1239	rBV	321	247	0.02%	0.003%
27	5.190	1270	1275	1280	rVB2	251	310	0.03%	0.003%
28	5.315	1289	1314	1342	rBV2	373789	1123576	100.00%	12.092%
29	5.524	1375	1379	1382	rBV2	365	335	0.03%	0.004%
30	5.598	1398	1402	1405	rBV	267	238	0.02%	0.003%
31	5.701	1431	1434	1439	rVV	306	234	0.02%	0.003%
32	5.727	1439	1442	1446	rVB3	479	308	0.03%	0.003%
33	5.865	1471	1485	1530	rBV	323568	657132	58.49%	7.072%
34	6.164	1564	1578	1603	rBV	296320	576628	51.32%	6.206%

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ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
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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\SOMULM071219WMA.M
Title : VOC Analysis

35	6.309	1609	1623	1652	rVB	250083	508934	45.30%	5.477%
36	6.411	1652	1655	1656	rBV3	333	208	0.02%	0.002%
37	6.444	1663	1665	1672	rVB4	905	1064	0.09%	0.011%
38	6.518	1682	1688	1689	rBV2	338	333	0.03%	0.004%
39	6.530	1689	1692	1696	rVB3	276	208	0.02%	0.002%
40	6.556	1696	1700	1703	rBV2	437	319	0.03%	0.003%
41	6.633	1720	1724	1728	rVB2	296	244	0.02%	0.003%
42	6.881	1798	1801	1804	rVB2	265	205	0.02%	0.002%
43	6.913	1807	1811	1814	rBV2	257	210	0.02%	0.002%
44	7.209	1890	1903	1923	rBV	137316	249090	22.17%	2.681%
45	7.363	1947	1951	1955	rVB4	350	304	0.03%	0.003%
46	7.546	1995	2008	2050	rBV	493006	894114	79.58%	9.623%
47	7.833	2086	2097	2121	rBV	97374	169255	15.06%	1.822%
48	8.026	2150	2157	2159	rBV4	428	427	0.04%	0.005%
49	8.061	2163	2168	2178	rBV2	232	371	0.03%	0.004%
50	8.109	2178	2183	2185	rBV3	278	211	0.02%	0.002%
51	8.164	2192	2200	2208	rVB3	1229	1631	0.15%	0.018%
52	8.231	2219	2221	2228	rBV2	285	259	0.02%	0.003%
53	8.296	2228	2241	2284	rBV	289964	531619	47.31%	5.721%
54	8.498	2302	2304	2308	rVB2	539	349	0.03%	0.004%
55	8.595	2330	2334	2340	rBV3	407	405	0.04%	0.004%
56	8.736	2376	2378	2384	rVB2	272	230	0.02%	0.002%
57	8.923	2433	2436	2443	rVB2	254	253	0.02%	0.003%
58	9.074	2470	2483	2526	rBV	484712	839365	74.70%	9.034%
59	9.283	2543	2548	2549	rBV	310	237	0.02%	0.003%
60	9.357	2565	2571	2572	rBV2	499	406	0.04%	0.004%
61	9.736	2685	2689	2694	rBV2	403	430	0.04%	0.005%
62	9.771	2694	2700	2705	rBV4	588	681	0.06%	0.007%
63	9.887	2733	2736	2739	rVB2	423	269	0.02%	0.003%
64	10.099	2799	2802	2806	rVB2	307	202	0.02%	0.002%
65	10.267	2851	2854	2861	rBV	325	393	0.03%	0.004%
66	10.415	2880	2900	2926	rBV	368970	595455	53.00%	6.408%
67	10.511	2928	2930	2937	rVB4	424	467	0.04%	0.005%
68	10.588	2950	2954	2956	rBV2	514	443	0.04%	0.005%
69	10.607	2956	2960	2963	rVV2	610	556	0.05%	0.006%
70	10.630	2965	2967	2971	rVV	391	210	0.02%	0.002%
71	10.675	2979	2981	2986	rVB	392	223	0.02%	0.002%

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Integration Parameters: LSCINT.P
Integrator: RTE
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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\SOMULM071219WMA.M
Title : VOC Analysis

72	10.704	2986	2990	2994	rVB2	367	292	0.03%	0.003%
73	10.871	3038	3042	3045	rBV	413	348	0.03%	0.004%
74	11.141	3122	3126	3132	rVB2	266	312	0.03%	0.003%
75	11.279	3167	3169	3176	rVB2	340	311	0.03%	0.003%
76	11.382	3197	3201	3203	rBV2	316	250	0.02%	0.003%
77	11.408	3203	3209	3215	rVB4	1103	1278	0.11%	0.014%
78	11.469	3215	3228	3247	rBV	450307	716693	63.79%	7.713%
79	11.675	3290	3292	3294	rBV2	342	213	0.02%	0.002%
80	11.710	3301	3303	3305	rBV	444	299	0.03%	0.003%
81	11.752	3313	3316	3319	rBV2	312	246	0.02%	0.003%
82	11.845	3328	3345	3366	rBV	483220	784842	69.85%	8.447%
83	12.112	3425	3428	3429	rBV	367	212	0.02%	0.002%
84	12.180	3448	3449	3454	rBV	261	204	0.02%	0.002%
85	12.263	3472	3475	3480	rVB2	455	373	0.03%	0.004%
86	12.289	3480	3483	3485	rBV2	523	349	0.03%	0.004%
87	12.382	3505	3512	3515	rBV3	316	392	0.03%	0.004%
88	12.514	3549	3553	3558	rBV2	481	511	0.05%	0.005%
89	12.640	3590	3592	3596	rVB	425	263	0.02%	0.003%
90	12.713	3608	3615	3618	rBV4	577	649	0.06%	0.007%
91	12.765	3627	3631	3632	rBV	389	241	0.02%	0.003%
92	12.791	3636	3639	3641	rVB	405	239	0.02%	0.003%
93	13.109	3735	3738	3744	rVB2	492	495	0.04%	0.005%
94	13.141	3744	3748	3751	rBV3	369	285	0.03%	0.003%
95	13.405	3827	3830	3836	rBV2	415	348	0.03%	0.004%
96	13.479	3850	3853	3858	rVB2	367	258	0.02%	0.003%
97	13.504	3858	3861	3863	rBV3	482	305	0.03%	0.003%
98	13.611	3890	3894	3898	rBV2	585	728	0.06%	0.008%
99	13.861	3969	3972	3975	rBV2	443	323	0.03%	0.003%
100	15.157	4371	4375	4378	rBV3	510	537	0.05%	0.006%

Sum of corrected areas: 9291647

LSC Report - Integrated Chromatogram

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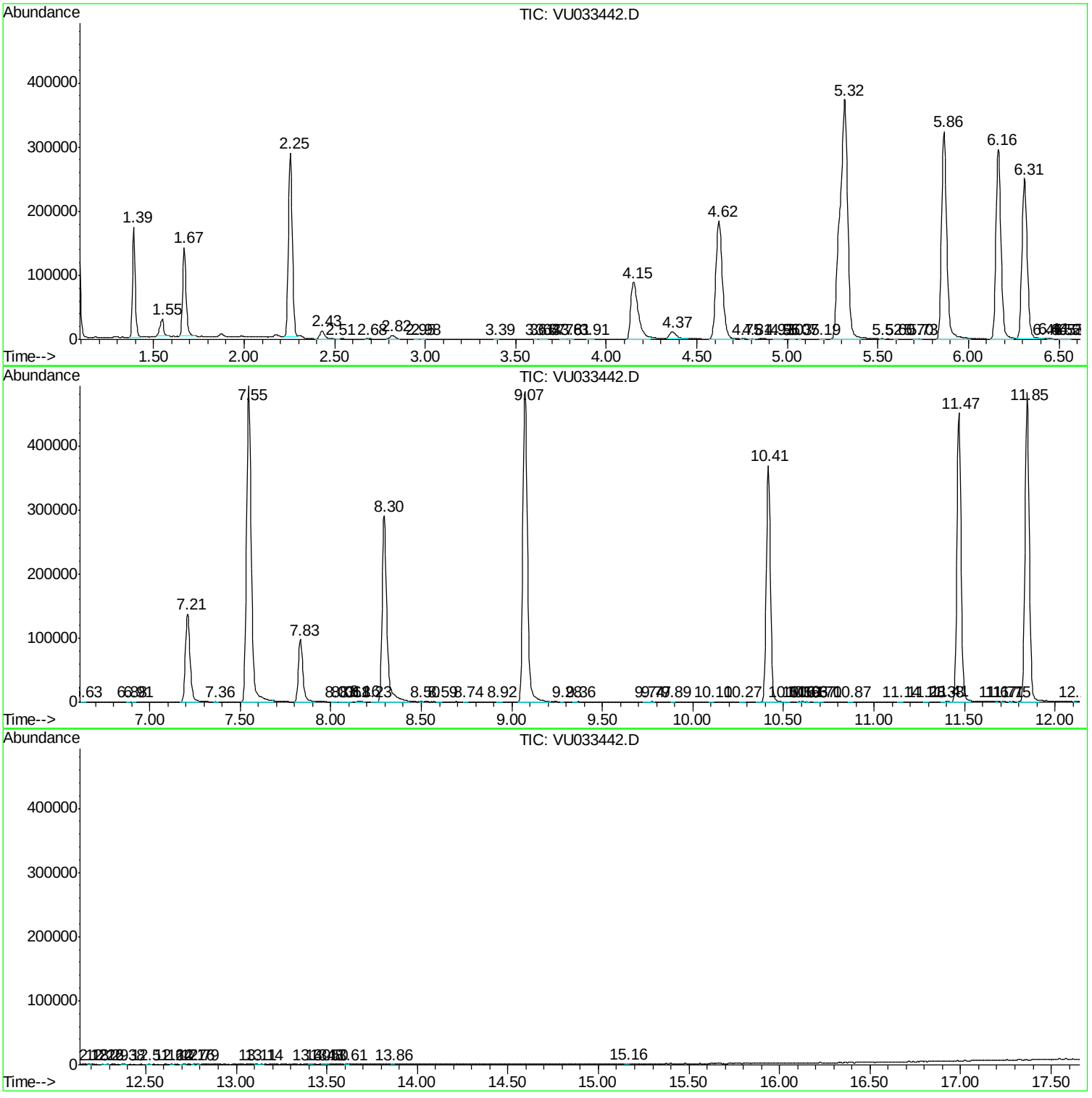
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F2A14DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

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



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Instrument : MSVOA_U
ClientSampleId : F2A14DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis

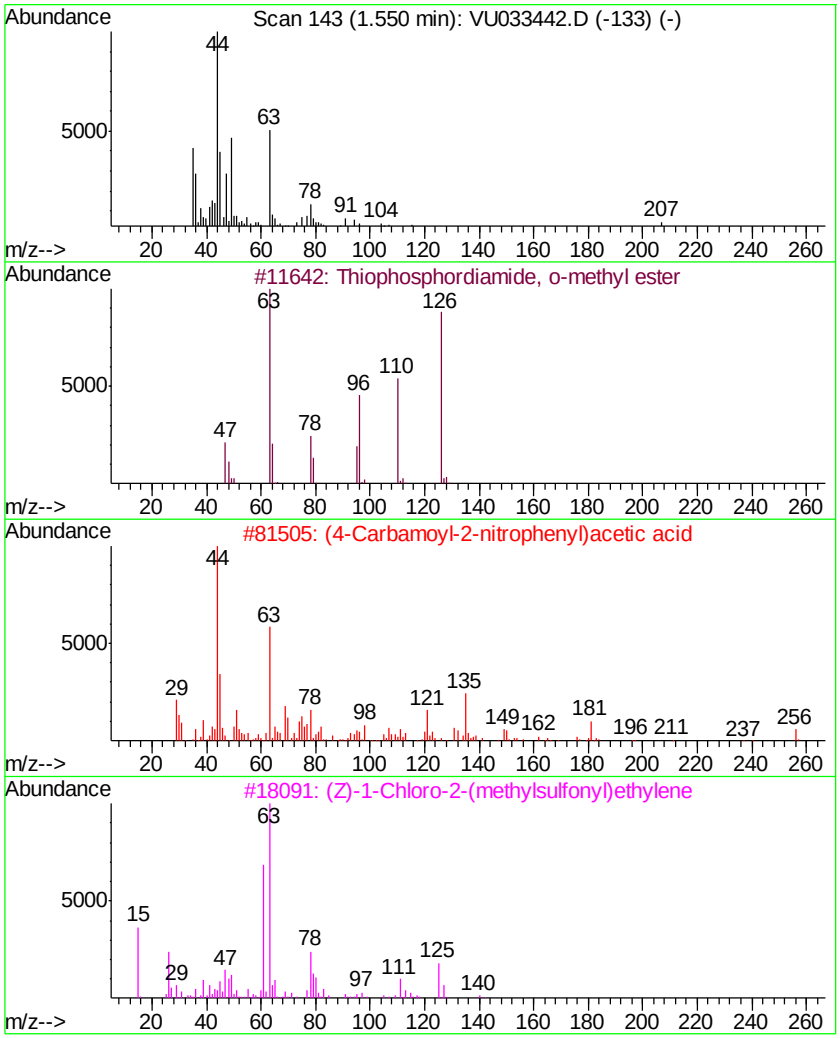
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

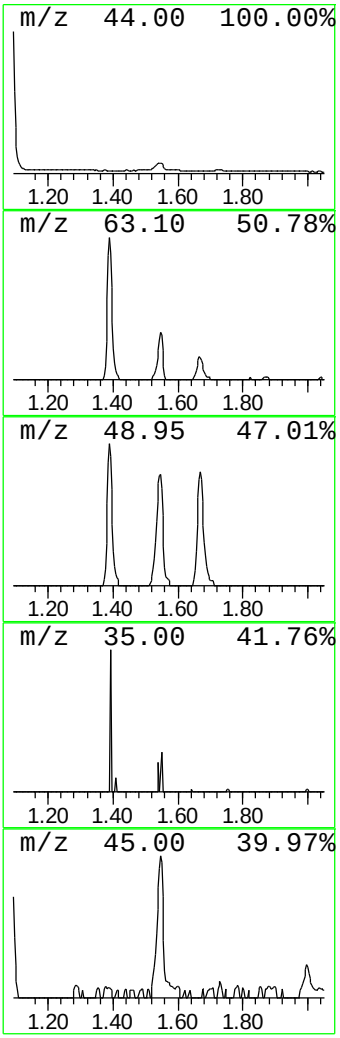
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.55	2.93 ug/L	38453	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophosphordiamide, o-methyl ester	126	CH7N2OPS	1000306-03-3	17
2	(4-Carbamoyl-2-nitrophenyl)aceti...	224	C9H8N2O5	1000304-35-6	16
3	(Z)-1-Chloro-2-(methylsulfonyl)e...	140	C3H5ClO2S	115584-12-8	9
4	Diethyl pyrocarbonate	162	C6H10O5	001609-47-8	9
5	6-Methoxybenzofuroxan	166	C7H6N2O3	003524-06-9	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	1.55	2.9	ug/L	38453	1	5.86	657132	50.0