LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082219\
Data File : VV012354.D
Acq On : 22 Aug 2019 17:56
Operator : SY/MD
Sample : K4485-15
Misc : 5mL/MSVOA V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2B93

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\SOMVLM082119WMA.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	1.325	65	73	108	rVB	4216279	4329608	100.00%	36.673%
2	1.579	145	152	166	rVB	43092	53647	1.24%	0.454%
3	2.003	279	284	286	rVB	539	446	0.01%	0.004%
4	2.032	290	293	294	rVV2	268	165	0.00%	0.001%
5	2.052	295	299	305	rVB4	1032	1192	0.03%	0.010%
6	2.129	312	323	336	rBV	116653	165522	3.82%	1.402%
7	2.229	351	354	356	rVV	270	162	0.00%	0.001%
8	2.267	362	366	367	rBV	285	201	0.00%	0.002%
9	2.315	375	381	384	rBV3	597	679	0.02%	0.006%
10	2.544	445	452	454	rBV2	305	307	0.01%	0.003%
11	2.643	479	483	484	rBV	509	342	0.01%	0.003%
12	2.711	502	504	511	rBB	288	259	0.01%	0.002%
13	2.746	511	515	517	rBV2	331	275	0.01%	0.002%
14	2.791	517	529	547	rBV	289988	492736	11.38%	4.174%
15	3.055	608	611	616	rVB2	212	143	0.00%	0.001%
16	3.129	627	634	638	rBV	300	362	0.01%	0.003%
17	3.354	701	704	706	rBV2	289	258	0.01%	0.002%
18	3.608	780	783	786	rBV2	198	182	0.00%	0.002%
19	3.682	801	806	807	rBV	162	158	0.00%	0.001%
20	3.962	870	893	933	rBV	876520	2207447	50.98%	18.698%
21	4.399	1012	1029	1063	rVB2	116374	294707	6.81%	2.496%
22	4.511	1063	1064	1066	rBV	406	188	0.00%	0.002%
23	4.556	1077	1078	1084	rVB	385	263	0.01%	0.002%
24	4.592	1086	1089	1091	rVB2	249	163	0.00%	0.001%
25	4.614	1091	1096	1098	rBV	329	286	0.01%	0.002%
26	4.663	1107	1111	1115	rBV	182	233	0.01%	0.002%
27	4.730	1129	1132	1134	rBV2	239	181	0.00%	0.002%
28	4.836	1163	1165	1169	rVV	255	159	0.00%	0.001%
29	5.093	1227	1245	1276	rVV3	262778	678939	15.68%	5.751%
30	5.302	1306	1310	1311	rBV	306	187	0.00%	0.002%
31	5.415	1336	1345	1354	rBV4	1815	2692	0.06%	0.023%
32	5.662	1405	1422	1445	rBV	197952	390529	9.02%	3.308%
33	5.949	1497	1511	1519	rBV3	11089	22391	0.52%	0.190%
34	6.116	1544	1563	1584	rBV	149160	297766	6.88%	2.522%

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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2B93

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Title : VOC Analysis

35	6.318	1622	1626	1629	rBV	157	157	0.00%	0.001%
36	6.489	1677	1679	1683	rVB	251	143	0.00%	0.001%
37	6.515	1684	1687	1691	rBV	293	247	0.01%	0.002%
38	6.733	1751	1755	1758	rBV	132	163	0.00%	0.001%
39	6.862	1792	1795	1798	rVV	175	139	0.00%	0.001%
40	6.900	1805	1807	1810	rVB2	351	223	0.01%	0.002%
41	6.926	1811	1815	1817	rBV	202	193	0.00%	0.002%
42	6.961	1824	1826	1830	rVB2	251	206	0.00%	0.002%
43	7.029	1830	1847	1863	rBV	87925	156852	3.62%	1.329%
44	7.174	1886	1892	1895	rBV2	312	369	0.01%	0.003%
45	7.235	1908	1911	1914	rVB2	274	160	0.00%	0.001%
46	7.357	1937	1949	1967	rBV	322197	556387	12.85%	4.713%
47	7.662	2032	2044	2064	rBV	64177	107884	2.49%	0.914%
48	7.891	2112	2115	2117	rBV	176	151	0.00%	0.001%
49	7.997	2145	2148	2152	rBV	171	149	0.00%	0.001%
50	8.058	2163	2167	2168	rBV	243	164	0.00%	0.001%
51	8.129	2178	2189	2222	rBV3	134751	280646	6.48%	2.377%
52	8.373	2261	2265	2268	rVB	221	145	0.00%	0.001%
53	8.399	2269	2273	2277	rBV	160	155	0.00%	0.001%
54	8.518	2306	2310	2312	rBV2	282	228	0.01%	0.002%
55	8.588	2329	2332	2336	rBV2	183	157	0.00%	0.001%
56	8.698	2362	2366	2369	rBV2	230	223	0.01%	0.002%
57	8.894	2415	2427	2452	rVV	296326	480399	11.10%	4.069%
58	9.132	2497	2501	2505	rBV	263	203	0.00%	0.002%
59	9.180	2510	2516	2517	rBV	471	406	0.01%	0.003%
60	9.257	2535	2540	2542	rBV2	184	155	0.00%	0.001%
61	9.399	2580	2584	2587	rBV	314	272	0.01%	0.002%
62	9.476	2605	2608	2614	rVB2	293	324	0.01%	0.003%
63	9.540	2625	2628	2632	rVB2	234	163	0.00%	0.001%
64	9.621	2648	2653	2655	rBV	387	402	0.01%	0.003%
65	9.675	2668	2670	2678	rVB2	227	204	0.00%	0.002%
66	9.733	2684	2688	2691	rBV	332	285	0.01%	0.002%
67	9.797	2705	2708	2710	rBV2	298	236	0.01%	0.002%
68	9.817	2712	2714	2717	rVB2	295	154	0.00%	0.001%
69	10.100	2798	2802	2806	rVV	223	233	0.01%	0.002%
70	10.196	2829	2832	2835	rVB2	289	222	0.01%	0.002%
71	10.257	2838	2851	2875	rBV	202730	322802	7.46%	2.734%

LSC Area Percent Report

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Title : VOC Analysis

72	10.347	2875	2879	2883	rBV2	280	332	0.01%	0.003%
73	10.383	2888	2890	2893	rBV2	171	142	0.00%	0.001%
74	10.492	2920	2924	2927	rBV3	318	295	0.01%	0.002%
75	10.582	2949	2952	2957	rBV2	435	294	0.01%	0.002%
76	10.826	3024	3028	3030	rBV	152	161	0.00%	0.001%
77	10.920	3053	3057	3059	rBV	192	147	0.00%	0.001%
78	10.974	3072	3074	3081	rBV2	169	227	0.01%	0.002%
79	11.071	3102	3104	3105	rBV	258	143	0.00%	0.001%
80	11.293	3161	3173	3193	rBV	262341	423394	9.78%	3.586%
81	11.383	3199	3201	3203	rBV2	364	148	0.00%	0.001%
82	11.508	3236	3240	3246	rVB2	270	350	0.01%	0.003%
83	11.614	3269	3273	3275	rBV2	312	297	0.01%	0.003%
84	11.669	3278	3290	3308	rVV	318446	520951	12.03%	4.413%
85	11.846	3341	3345	3353	rBV2	210	315	0.01%	0.003%
86	11.939	3372	3374	3376	rBV	292	190	0.00%	0.002%
87	11.990	3382	3390	3395	rBV2	266	430	0.01%	0.004%
88	12.038	3398	3405	3407	rBV	243	310	0.01%	0.003%
89	12.083	3416	3419	3421	rBV	185	138	0.00%	0.001%
90	12.215	3454	3460	3461	rBV	193	222	0.01%	0.002%
91	12.276	3476	3479	3481	rBV	299	198	0.00%	0.002%
92	12.344	3493	3500	3503	rBV2	302	443	0.01%	0.004%
93	12.598	3575	3579	3582	rBV2	193	192	0.00%	0.002%
94	12.797	3637	3641	3643	rBV2	389	338	0.01%	0.003%
95	13.292	3792	3795	3796	rBV	354	201	0.00%	0.002%
96	13.636	3897	3902	3905	rBV2	407	383	0.01%	0.003%
97	13.820	3955	3959	3961	rBV2	307	227	0.01%	0.002%
98	14.099	4041	4046	4048	rBV2	460	417	0.01%	0.004%
99	14.122	4050	4053	4056	rBV2	326	210	0.00%	0.002%
100	14.280	4098	4102	4106	rBV2	400	385	0.01%	0.003%

Sum of corrected areas: 11805856

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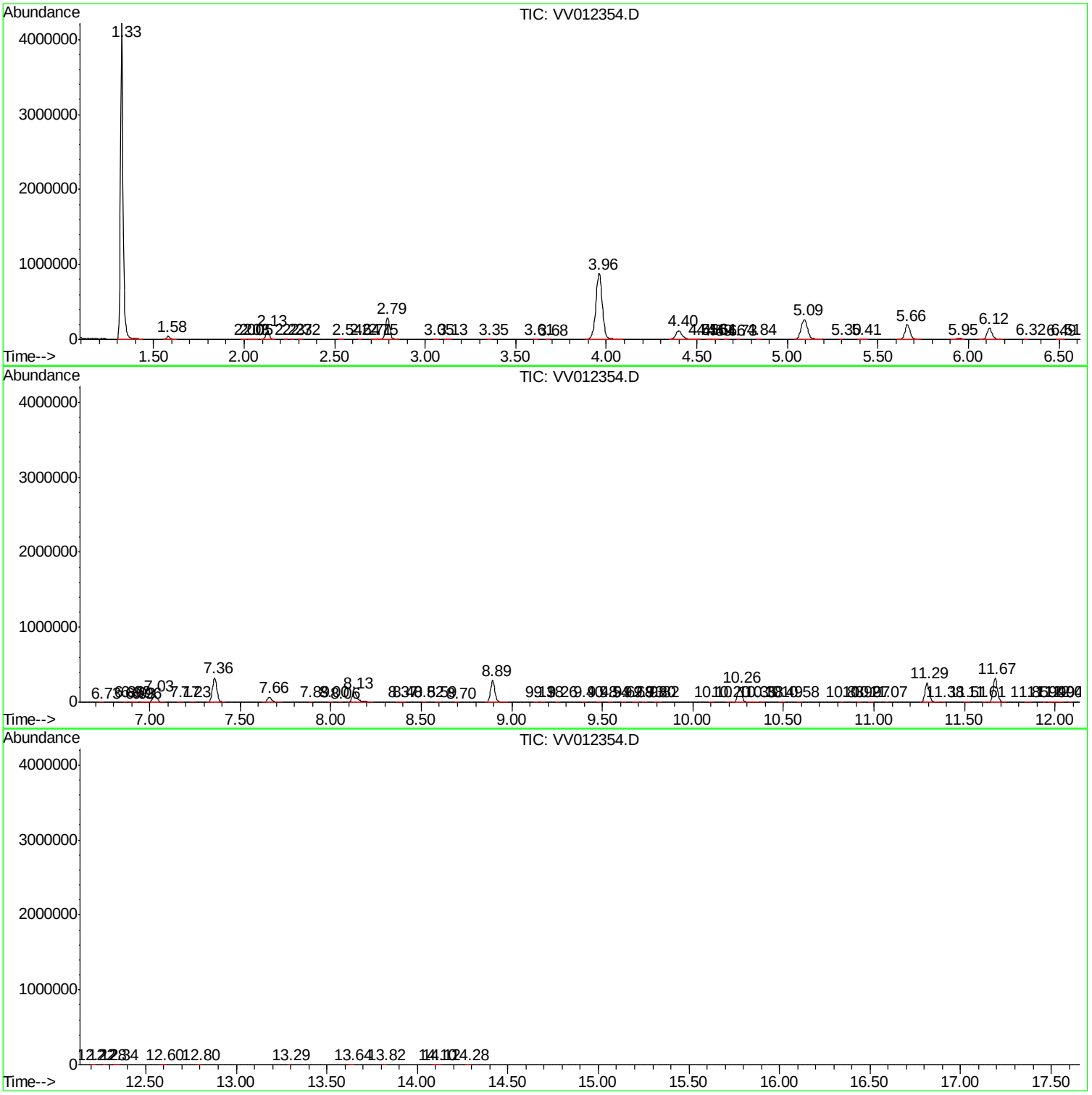
MSVOA_V
ClientSampleId :
F2B93

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.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\VV082219\
Data File : VV012354.D
Acq On : 22 Aug 2019 17:56
Operator : SY/MD
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Misc : 5mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F2B93

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis

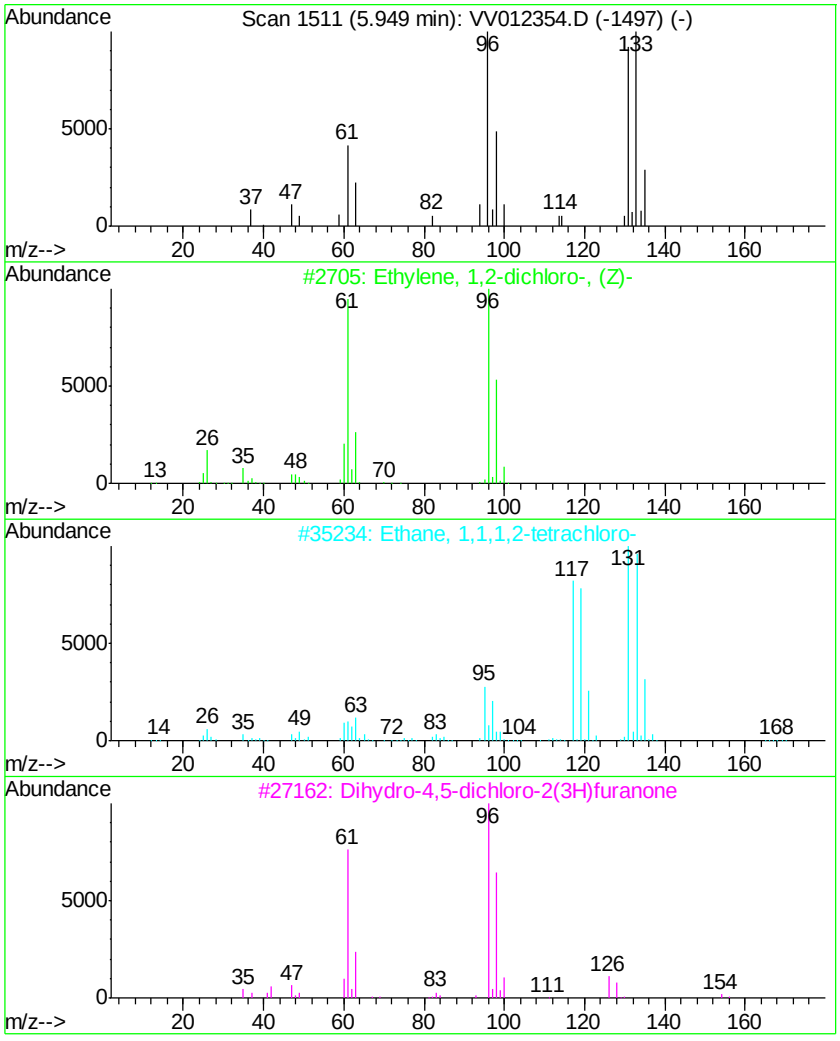
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

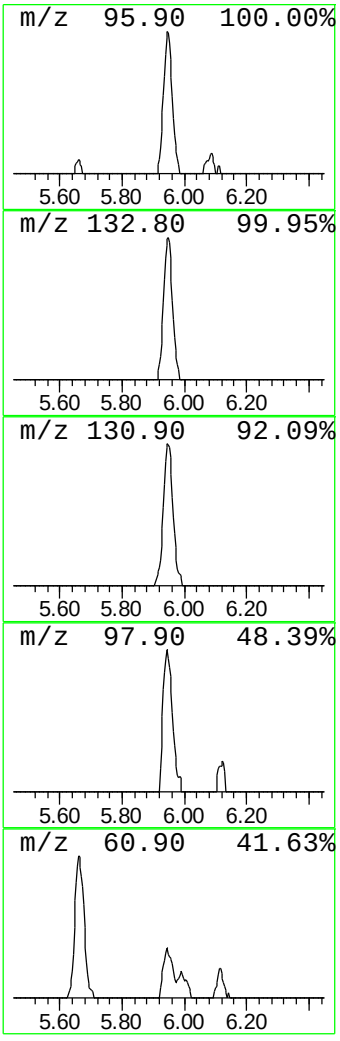
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	2.87 ug/L	22391	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	25
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	23
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	17
4	Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	9
5	N-Chlorosuccinimide	133	C4H4ClNO2	000128-09-6	9





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	5.95	2.9	ug/L	22391	1	5.66	390529	50.0