LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121418\
Data File : VV008930.D
Acq On : 14 Dec 2018 15:29
Operator : SY/MD
Sample : J6367-16
Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L52

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\SOMVLM121318WMA.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	66	71	90	rVB	82099	89592	11.99%	1.604%
2	1.563	142	147	164	rVB	63820	74889	10.02%	1.341%
3	2.129	313	323	335	rBV	211754	294853	39.47%	5.279%
4	2.319	372	382	388	rBV2	4446	8268	1.11%	0.148%
5	2.508	436	441	443	rBV	317	214	0.03%	0.004%
6	2.534	444	449	454	rVV4	530	487	0.07%	0.009%
7	2.653	475	486	498	rBV2	7753	16443	2.20%	0.294%
8	2.839	542	544	549	rVB	258	191	0.03%	0.003%
9	2.878	551	556	559	rBV2	254	268	0.04%	0.005%
10	3.100	622	625	627	rBV	122	74	0.01%	0.001%
11	3.161	641	644	646	rBV2	270	194	0.03%	0.003%
12	3.232	661	666	668	rVV	232	230	0.03%	0.004%
13	3.354	700	704	707	rBV2	186	201	0.03%	0.004%
14	3.389	712	715	719	rBV	168	152	0.02%	0.003%
15	3.531	754	759	761	rBV	171	185	0.02%	0.003%
16	3.566	768	770	771	rBV	236	96	0.01%	0.002%
17	3.643	792	794	795	rBV	231	90	0.01%	0.002%
18	3.736	821	823	827	rVB2	162	111	0.01%	0.002%
19	3.756	827	829	832	rVB2	222	119	0.02%	0.002%
20	3.775	832	835	841	rBV2	244	229	0.03%	0.004%
21	3.830	849	852	854	rBV	152	124	0.02%	0.002%
22	3.888	867	870	871	rBV	321	223	0.03%	0.004%
23	3.933	871	884	915	rVV	54697	155412	20.80%	2.783%
24	4.254	978	984	986	rBV2	470	411	0.06%	0.007%
25	4.299	996	998	1000	rBV	267	114	0.02%	0.002%
26	4.312	1000	1002	1004	rBV	238	132	0.02%	0.002%
27	4.402	1013	1030	1058	rBV	122448	297146	39.77%	5.320%
28	4.775	1143	1146	1148	rVB2	146	81	0.01%	0.001%
29	4.791	1148	1151	1153	rBV	157	102	0.01%	0.002%
30	4.810	1155	1157	1160	rVB	263	149	0.02%	0.003%
31	4.833	1161	1164	1168	rBV2	302	336	0.04%	0.006%
32	4.878	1174	1178	1181	rBV2	179	160	0.02%	0.003%
33	4.894	1181	1183	1184	rBV	133	75	0.01%	0.001%
34	4.958	1201	1203	1207	rBV2	303	253	0.03%	0.005%

LSC Area Percent Report

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Sample : J6367-16
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L52

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\SOMVLM121318WMA.M
Title : VOC Analysis

35	4.994	1211	1214	1215	rBV	220	132	0.02%	0.002%
36	5.100	1227	1247	1272	rBV2	298698	747112	100.00%	13.377%
37	5.251	1292	1294	1297	rBV2	272	202	0.03%	0.004%
38	5.322	1313	1316	1322	rBV	319	384	0.05%	0.007%
39	5.508	1371	1374	1376	rBV	105	91	0.01%	0.002%
40	5.666	1409	1423	1447	rBV	233019	457755	61.27%	8.196%
41	5.952	1499	1512	1528	rVB6	17977	38980	5.22%	0.698%
42	6.023	1530	1534	1535	rBV	251	185	0.02%	0.003%
43	6.119	1550	1564	1594	rVB2	163225	330135	44.19%	5.911%
44	6.225	1594	1597	1599	rBV	290	167	0.02%	0.003%
45	6.241	1599	1602	1605	rBV3	676	371	0.05%	0.007%
46	6.325	1625	1628	1630	rBV	384	322	0.04%	0.006%
47	6.354	1634	1637	1638	rBV	196	103	0.01%	0.002%
48	6.389	1646	1648	1650	rBV	200	90	0.01%	0.002%
49	6.402	1650	1652	1654	rVB	283	130	0.02%	0.002%
50	6.412	1654	1655	1656	rBV	217	68	0.01%	0.001%
51	6.457	1667	1669	1672	rVB	197	124	0.02%	0.002%
52	6.502	1681	1683	1685	rBV2	126	66	0.01%	0.001%
53	6.515	1685	1687	1689	rBV	167	88	0.01%	0.002%
54	6.627	1719	1722	1723	rBV	261	151	0.02%	0.003%
55	6.762	1761	1764	1767	rBV	195	127	0.02%	0.002%
56	6.868	1790	1797	1801	rBV2	335	475	0.06%	0.009%
57	6.958	1822	1825	1827	rBV2	336	227	0.03%	0.004%
58	6.974	1827	1830	1833	rVV2	296	250	0.03%	0.004%
59	7.032	1835	1848	1864	rVV	97686	168915	22.61%	3.024%
60	7.154	1883	1886	1890	rVB2	217	159	0.02%	0.003%
61	7.174	1890	1892	1893	rBV	311	141	0.02%	0.003%
62	7.222	1904	1907	1911	rBV	254	231	0.03%	0.004%
63	7.363	1937	1951	1968	rBV	353977	610784	81.75%	10.936%
64	7.582	2016	2019	2024	rBV	251	234	0.03%	0.004%
65	7.666	2034	2045	2060	rBV	68015	112895	15.11%	2.021%
66	7.881	2110	2112	2113	rBV	205	84	0.01%	0.002%
67	8.135	2179	2191	2228	rBV	172524	340064	45.52%	6.089%
68	8.341	2253	2255	2256	rBV	248	120	0.02%	0.002%
69	8.537	2313	2316	2318	rBV	230	164	0.02%	0.003%
70	8.576	2326	2328	2332	rBV2	304	261	0.03%	0.005%
71	8.656	2350	2353	2357	rBV2	227	183	0.02%	0.003%

LSC Area Percent Report

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Misc : 5.0 mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L52

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\SOMVLM121318WMA.M
Title : VOC Analysis

72	8.813	2399	2402	2404	rBV	212	142	0.02%	0.003%
73	8.897	2416	2428	2454	rBV	329971	534620	71.56%	9.572%
74	9.048	2472	2475	2477	rBV2	163	120	0.02%	0.002%
75	9.077	2482	2484	2487	rBV2	179	99	0.01%	0.002%
76	9.170	2511	2513	2516	rBB2	155	85	0.01%	0.002%
77	9.186	2516	2518	2521	rBV	243	160	0.02%	0.003%
78	9.231	2526	2532	2533	rBV	194	214	0.03%	0.004%
79	9.299	2550	2553	2555	rBV	137	65	0.01%	0.001%
80	9.321	2555	2560	2562	rBV	260	245	0.03%	0.004%
81	9.569	2635	2637	2639	rBV	153	112	0.01%	0.002%
82	9.608	2647	2649	2650	rBV	219	74	0.01%	0.001%
83	9.810	2710	2712	2715	rVB	212	128	0.02%	0.002%
84	9.829	2715	2718	2720	rBV2	228	163	0.02%	0.003%
85	9.862	2725	2728	2731	rBV2	258	228	0.03%	0.004%
86	9.993	2765	2769	2776	rVB2	299	348	0.05%	0.006%
87	10.022	2776	2778	2779	rBV2	193	89	0.01%	0.002%
88	10.264	2841	2853	2875	rVB	200145	323825	43.34%	5.798%
89	10.675	2976	2981	2986	rBV	266	402	0.05%	0.007%
90	10.749	3002	3004	3011	rBV2	303	286	0.04%	0.005%
91	10.810	3020	3023	3026	rBV2	217	163	0.02%	0.003%
92	10.952	3063	3067	3070	rBV2	276	288	0.04%	0.005%
93	11.296	3162	3174	3196	rBV	287863	458985	61.43%	8.218%
94	11.675	3279	3292	3309	rBV	313876	508432	68.05%	9.103%
95	11.800	3324	3331	3333	rBV2	250	296	0.04%	0.005%
96	12.038	3402	3405	3407	rBV2	923	639	0.09%	0.011%
97	12.096	3417	3423	3424	rBV	287	305	0.04%	0.005%
98	12.286	3480	3482	3490	rVB3	770	802	0.11%	0.014%
99	12.524	3553	3556	3557	rBV	221	128	0.02%	0.002%
100	12.948	3686	3688	3691	rBV	239	135	0.02%	0.002%

Sum of corrected areas: 5585152

LSC Report - Integrated Chromatogram

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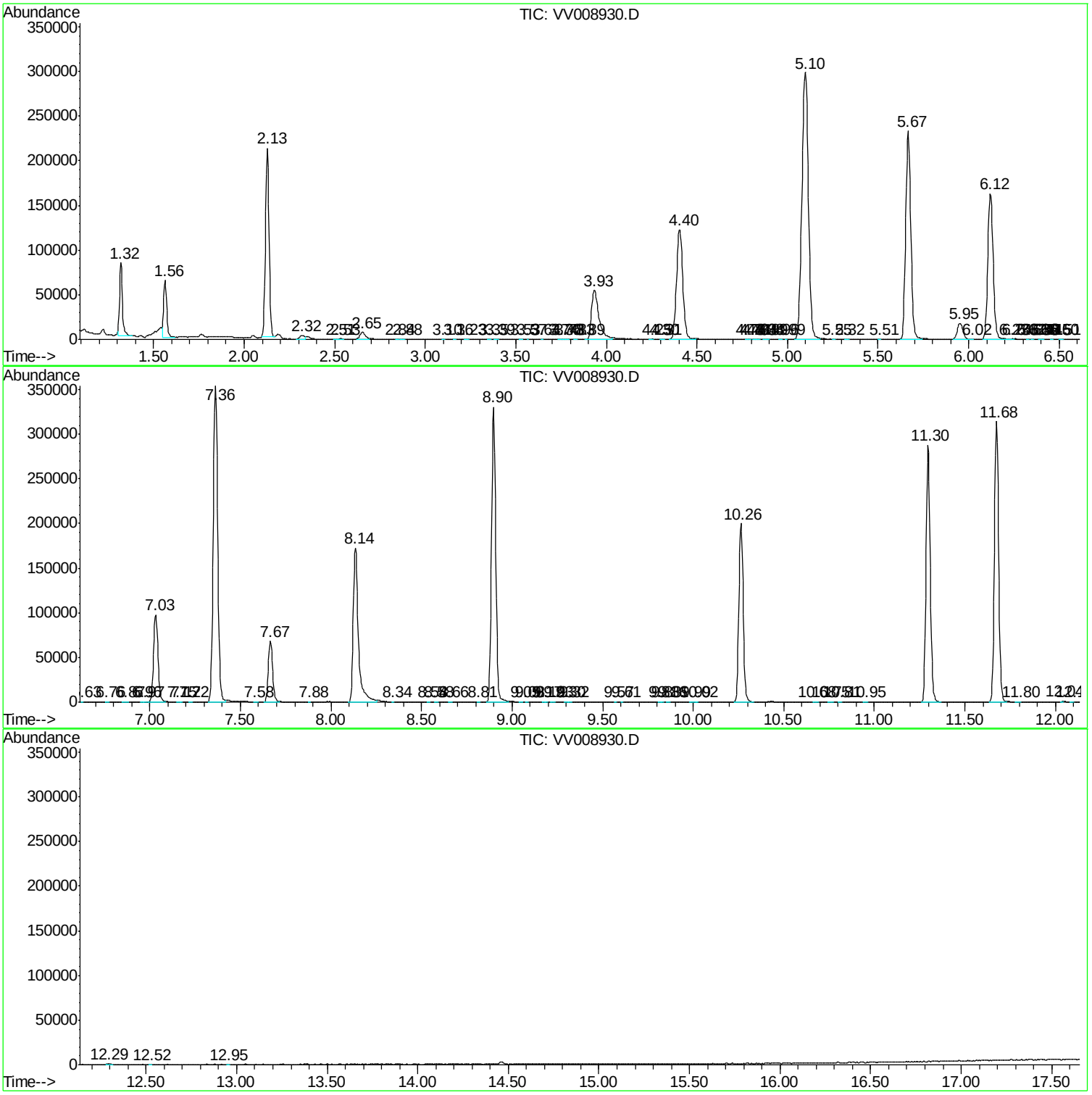
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L52

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.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\VV121418\
Data File : VV008930.D
Acq On : 14 Dec 2018 15:29
Operator : SY/MD
Sample : J6367-16
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0L52

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis

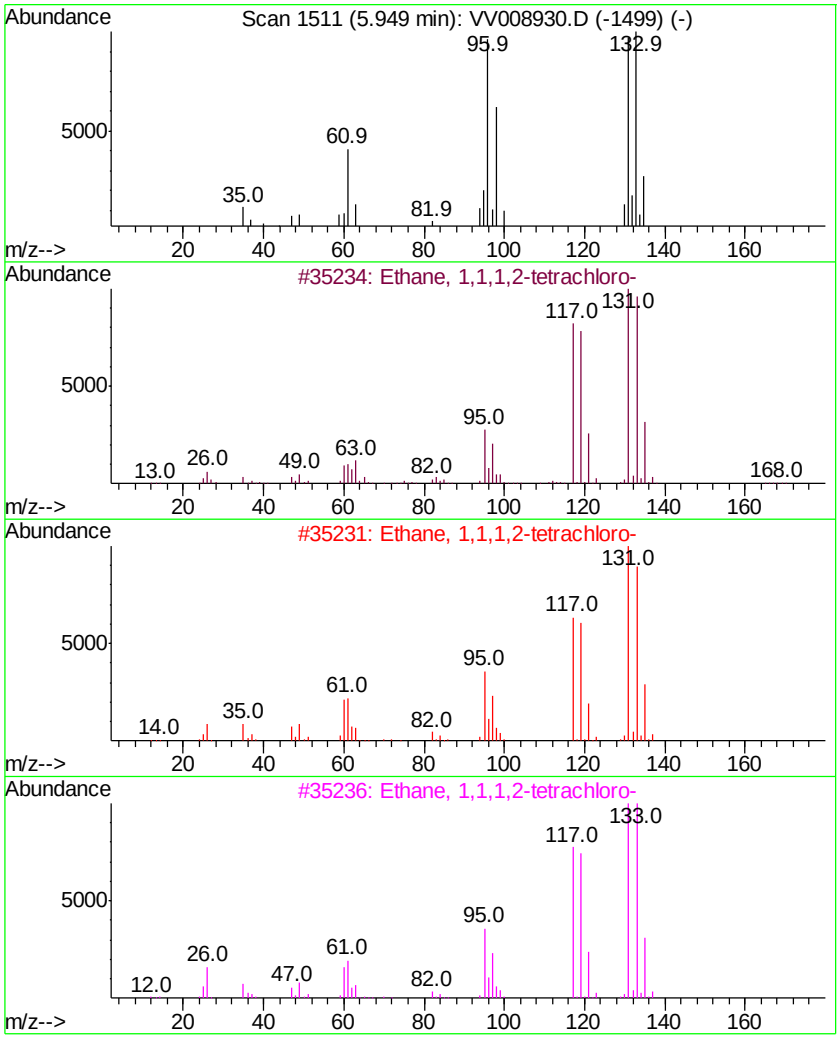
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

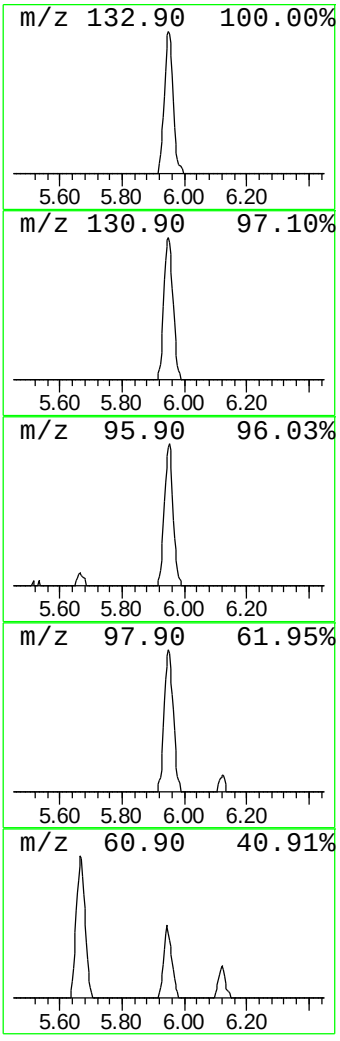
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	4.26 ug/L	38980	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
2	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	37
4	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	25
5	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121418\
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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	4.3	ug/L	38980	1	5.67	457755	50.0