LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032119\
Data File : VU030277.D
Acq On : 21 Mar 2019 19:44
Operator : JC/SP
Sample : K2022-08DL 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09C8DL

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\SOMULM031919WMA.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	1.183	25	29	37	rVB2	10562	9586	0.12%	0.036%
2	1.399	89	96	109	rBV	267044	267091	3.27%	1.003%
3	1.682	176	184	198	rBV	189243	239699	2.94%	0.900%
4	2.270	357	367	381	rBV	418216	635754	7.79%	2.386%
5	2.447	414	422	429	rBV3	5250	8845	0.11%	0.033%
6	2.505	435	440	446	rVB	1998	2516	0.03%	0.009%
7	2.543	446	452	455	rBV	1402	1635	0.02%	0.006%
8	2.672	485	492	494	rBV2	1504	2077	0.03%	0.008%
9	3.026	599	602	606	rVB	1316	883	0.01%	0.003%
10	3.090	615	622	629	rBV	1115	1771	0.02%	0.007%
11	3.183	643	651	653	rBV2	1246	1488	0.02%	0.006%
12	3.296	682	686	690	rBV	1344	968	0.01%	0.004%
13	3.376	707	711	714	rBV	1170	1070	0.01%	0.004%
14	3.521	750	756	761	rBV2	839	941	0.01%	0.004%
15	3.659	796	799	803	rVB2	1256	960	0.01%	0.004%
16	3.926	877	882	887	rVV	953	1304	0.02%	0.005%
17	3.974	890	897	905	rBV	2102	2817	0.03%	0.011%
18	4.016	905	910	916	rVB	1221	1269	0.02%	0.005%
19	4.051	916	921	923	rBV	1340	1507	0.02%	0.006%
20	4.177	948	960	988	rBV	150821	391709	4.80%	1.470%
21	4.402	1026	1030	1034	rBV2	1460	1564	0.02%	0.006%
22	4.524	1065	1068	1075	rVB	1972	1900	0.02%	0.007%
23	4.566	1079	1081	1088	rVB	1449	1419	0.02%	0.005%
24	4.646	1088	1106	1130	rBV	283528	677111	8.29%	2.542%
25	5.193	1273	1276	1281	rVB2	1315	1115	0.01%	0.004%
26	5.231	1284	1288	1292	rVB	1301	932	0.01%	0.003%
27	5.337	1295	1321	1360	rBV2	600362	1759773	21.56%	6.606%
28	5.726	1438	1442	1444	rBV	1408	1006	0.01%	0.004%
29	5.765	1451	1454	1459	rVB2	2142	1882	0.02%	0.007%
30	5.816	1466	1470	1474	rBV	1176	1384	0.02%	0.005%
31	5.884	1478	1491	1523	rBV	567033	1145761	14.03%	4.301%
32	6.058	1542	1545	1550	rVB2	1746	1391	0.02%	0.005%
33	6.083	1550	1553	1562	rVB	1480	1716	0.02%	0.006%
34	6.328	1615	1629	1648	rBV	370503	751825	9.21%	2.822%

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ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09C8DL

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Title : VOC Analysis

35	6.517	1685	1688	1692	rVB	1822	1362	0.02%	0.005%
36	6.543	1692	1696	1701	rBV2	1459	1392	0.02%	0.005%
37	6.636	1721	1725	1729	rVV	1207	1283	0.02%	0.005%
38	6.707	1744	1747	1750	rVV2	1169	889	0.01%	0.003%
39	7.032	1844	1848	1850	rBV	1167	934	0.01%	0.004%
40	7.048	1850	1853	1856	rVV	1148	1007	0.01%	0.004%
41	7.225	1896	1908	1929	rBV2	204003	374527	4.59%	1.406%
42	7.366	1950	1952	1961	rVB3	1802	1935	0.02%	0.007%
43	7.421	1966	1969	1974	rVB	1167	878	0.01%	0.003%
44	7.463	1979	1982	1987	rBV2	996	952	0.01%	0.004%
45	7.562	2001	2013	2052	rBV	794227	1445432	17.71%	5.426%
46	7.849	2090	2102	2119	rBV	141322	251583	3.08%	0.944%
47	7.996	2144	2148	2153	rBV2	1265	1466	0.02%	0.006%
48	8.119	2182	2186	2189	rBV	1337	1070	0.01%	0.004%
49	8.138	2190	2192	2197	rVB2	1276	1068	0.01%	0.004%
50	8.173	2197	2203	2207	rBV4	2118	2535	0.03%	0.010%
51	8.225	2214	2219	2223	rBV3	3328	3523	0.04%	0.013%
52	8.308	2232	2245	2282	rBV	498020	924472	11.32%	3.470%
53	8.733	2372	2377	2379	rBV	2152	1684	0.02%	0.006%
54	8.771	2387	2389	2392	rVB2	1800	956	0.01%	0.004%
55	9.041	2466	2473	2475	rBV	1220	1531	0.02%	0.006%
56	9.090	2475	2488	2490	rBV	886909	1245078	15.25%	4.674%
57	9.273	2542	2545	2551	rVB	1902	1871	0.02%	0.007%
58	9.344	2565	2567	2572	rVB	1197	940	0.01%	0.004%
59	9.382	2572	2579	2584	rBV	2160	2858	0.04%	0.011%
60	9.572	2635	2638	2644	rBV	894	1019	0.01%	0.004%
61	9.643	2656	2660	2667	rVB2	1077	999	0.01%	0.004%
62	9.681	2667	2672	2676	rVB2	1181	1227	0.02%	0.005%
63	9.704	2676	2679	2684	rBV	1228	1299	0.02%	0.005%
64	9.752	2690	2694	2701	rBV	1986	2562	0.03%	0.010%
65	9.794	2701	2707	2709	rBV2	1252	1247	0.02%	0.005%
66	9.855	2722	2726	2729	rBV2	1056	947	0.01%	0.004%
67	10.041	2777	2784	2787	rBV	1531	1932	0.02%	0.007%
68	10.125	2806	2810	2815	rVB	1092	1164	0.01%	0.004%
69	10.154	2815	2819	2824	rBV2	1515	1677	0.02%	0.006%
70	10.292	2853	2862	2865	rBV2	1279	2006	0.02%	0.008%
71	10.427	2892	2904	2924	rVB	551498	901312	11.04%	3.383%

LSC Area Percent Report

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Instrument : MSVOA_U
ClientSampleId : C09C8DL

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\SOMULM031919WMA.M
Title : VOC Analysis

72	10.549	2940	2942	2946	rVB	1574	1079	0.01%	0.004%
73	10.665	2972	2978	2980	rBV3	1217	1237	0.02%	0.005%
74	10.736	2994	3000	3003	rVB	1013	1118	0.01%	0.004%
75	10.781	3011	3014	3020	rVB	1064	973	0.01%	0.004%
76	10.877	3034	3044	3047	rBV	1472	1914	0.02%	0.007%
77	10.913	3050	3055	3059	rBV2	998	1184	0.01%	0.004%
78	10.993	3072	3080	3083	rBV2	1220	1980	0.02%	0.007%
79	11.032	3089	3092	3096	rBV	1343	1221	0.01%	0.005%
80	11.151	3124	3129	3132	rBV	943	1037	0.01%	0.004%
81	11.180	3132	3138	3141	rBV	1022	1156	0.01%	0.004%
82	11.260	3159	3163	3169	rBV	1015	1278	0.02%	0.005%
83	11.308	3173	3178	3180	rBV	1529	1354	0.02%	0.005%
84	11.414	3200	3211	3221	rVV	234729	374027	4.58%	1.404%
85	11.501	3221	3238	3265	rVB2	1712559	3981794	48.77%	14.946%
86	11.874	3336	3354	3382	rBV3	4469363	8163880	100.00%	30.645%
87	12.080	3415	3418	3421	rBV	1629	1303	0.02%	0.005%
88	12.446	3529	3532	3535	rVB	1560	1047	0.01%	0.004%
89	12.466	3536	3538	3542	rVB	1646	1040	0.01%	0.004%
90	12.495	3542	3547	3550	rVB	1439	1421	0.02%	0.005%
91	12.524	3550	3556	3560	rBV2	1375	1648	0.02%	0.006%
92	12.549	3561	3564	3567	rBV2	1428	935	0.01%	0.004%
93	12.646	3591	3594	3602	rVB3	1703	1812	0.02%	0.007%
94	12.707	3609	3613	3620	rBV3	1243	1509	0.02%	0.006%
95	12.745	3622	3625	3632	rVV	905	1173	0.01%	0.004%
96	13.067	3722	3725	3729	rBV2	1541	1699	0.02%	0.006%
97	13.501	3847	3860	3899	rBV	1456219	2413275	29.56%	9.059%
98	13.983	3999	4010	4030	rBV2	184289	324425	3.97%	1.218%
99	15.077	4338	4350	4367	rVB7	13002	36219	0.44%	0.136%
100	15.652	4518	4529	4549	rBV3	99150	206410	2.53%	0.775%

Sum of corrected areas: 26640434

LSC Report - Integrated Chromatogram

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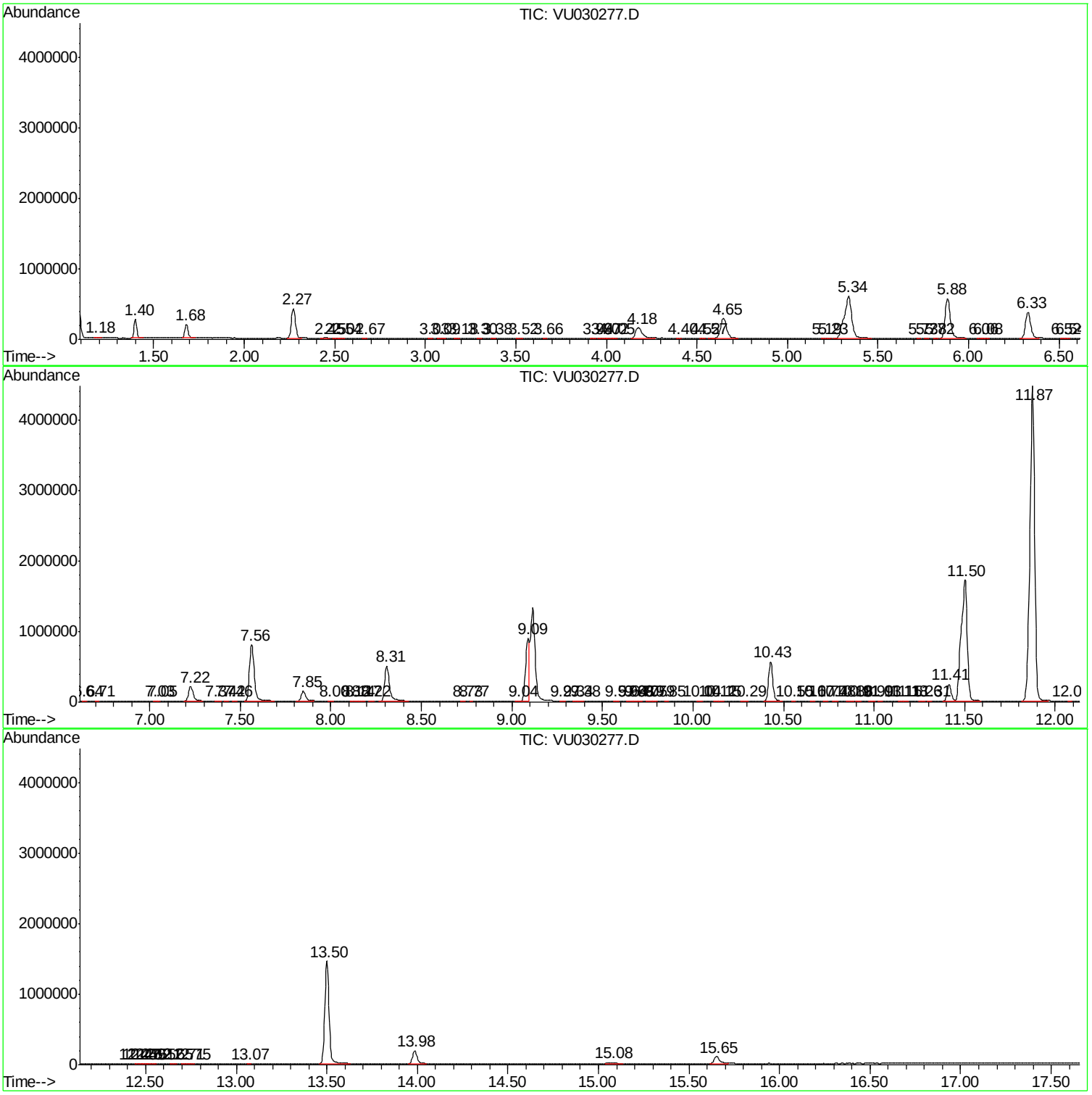
Instrument : MSVOA_U
ClientSampleId : C09C8DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

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



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ClientSampleId : C09C8DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis

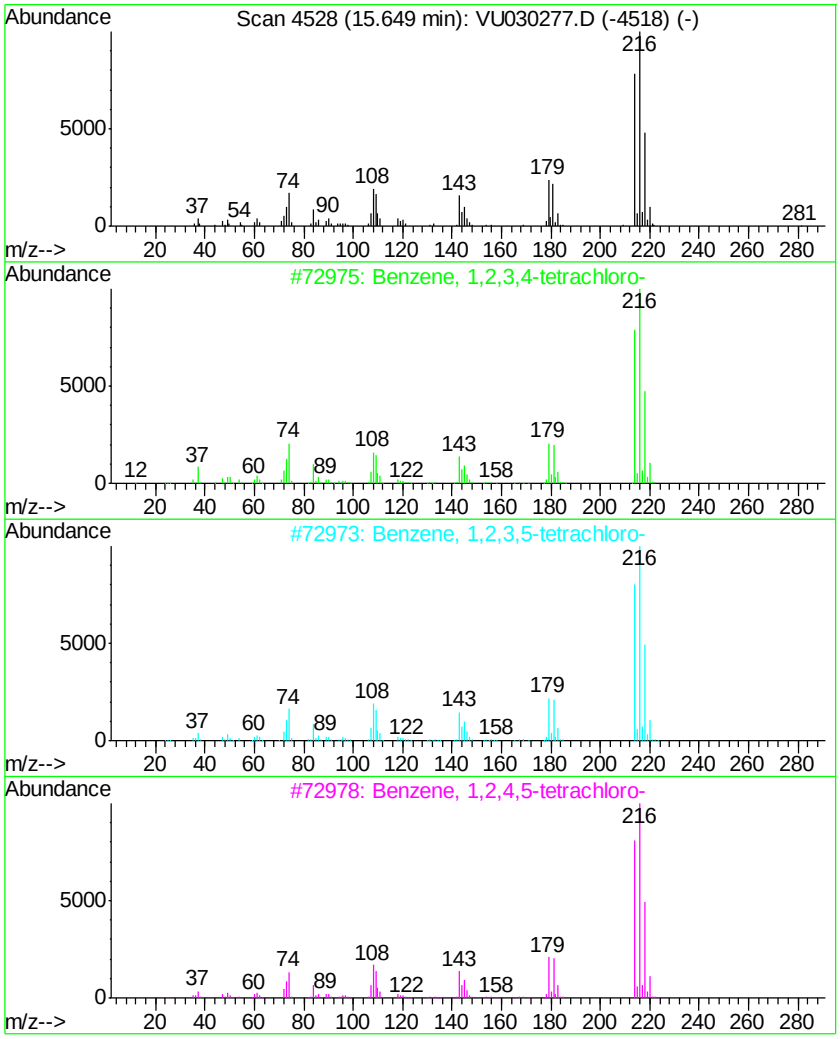
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

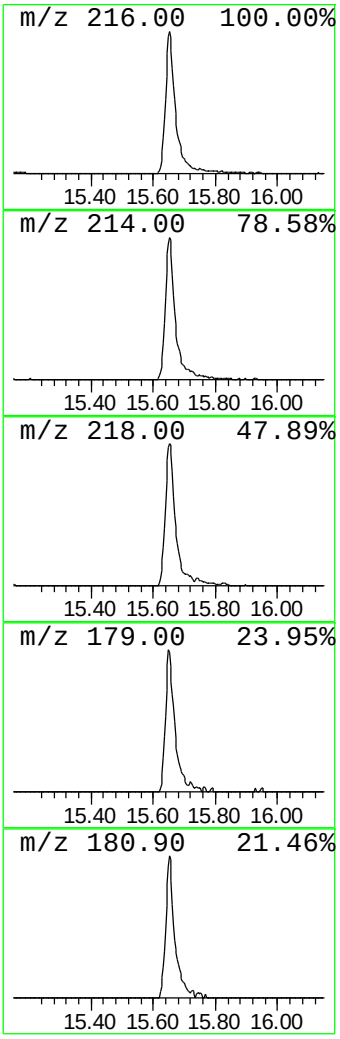
****

Peak Number 2 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.59 ug/L	206410	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
2	Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
3	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
4	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
5	Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99





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
Benzene, 1,2,3,4-...	15.65	2.6	ug/L	206410	3	11.48	3981790	50.0