LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080219\
Data File : VW011618.D
Acq On : 02 Aug 2019 13:06
Operator : SY/VA
Sample : K4116-11
Misc : 4.20G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLLE1

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_W\METHOD\SOM2WLM073019S.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	2.160	37	42	49	rBV3	9804	20931	2.02%	0.321%
2	2.349	68	73	82	rVB	75750	131470	12.71%	2.016%
3	2.885	156	161	176	rVB	47973	117727	11.38%	1.806%
4	3.873	313	323	330	rBV7	1975	5671	0.55%	0.087%
5	4.019	337	347	360	rBV2	112481	356551	34.48%	5.469%
6	4.385	405	407	410	rVV3	588	818	0.08%	0.013%
7	4.641	446	449	451	rVB3	441	434	0.04%	0.007%
8	4.666	451	453	458	rVB5	402	451	0.04%	0.007%
9	4.727	460	463	466	rBV2	516	575	0.06%	0.009%
10	4.806	475	476	479	rVB2	683	343	0.03%	0.005%
11	4.848	481	483	484	rBV2	650	498	0.05%	0.008%
12	4.916	484	494	495	rBV2	8282	16606	1.61%	0.255%
13	5.098	521	524	525	rBV2	564	473	0.05%	0.007%
14	5.220	542	544	546	rVB3	525	446	0.04%	0.007%
15	5.385	568	571	573	rBV3	591	649	0.06%	0.010%
16	5.476	581	586	589	rBV2	603	938	0.09%	0.014%
17	5.507	589	591	592	rVB	474	346	0.03%	0.005%
18	5.568	597	601	602	rBV2	290	420	0.04%	0.006%
19	5.726	624	627	629	rBV4	590	686	0.07%	0.011%
20	5.854	646	648	651	rBV	373	329	0.03%	0.005%
21	5.940	654	662	674	rVB6	4024	12438	1.20%	0.191%
22	6.037	674	678	679	rBV2	523	518	0.05%	0.008%
23	6.165	695	699	702	rBV4	510	864	0.08%	0.013%
24	6.263	711	715	717	rBV3	287	425	0.04%	0.007%
25	6.415	739	740	743	rBV2	399	405	0.04%	0.006%
26	6.464	746	748	751	rBV3	525	482	0.05%	0.007%
27	6.647	775	778	779	rBV2	669	554	0.05%	0.008%
28	6.708	786	788	791	rVB2	585	652	0.06%	0.010%
29	6.757	794	796	800	rVB2	499	485	0.05%	0.007%
30	6.873	812	815	818	rBV3	516	638	0.06%	0.010%
31	6.921	821	823	825	rVB3	462	385	0.04%	0.006%
32	6.976	831	832	836	rVB2	593	375	0.04%	0.006%
33	7.013	836	838	840	rBV	395	497	0.05%	0.008%
34	7.080	840	849	854	rBV	50266	143128	13.84%	2.195%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
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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
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Title : VOC Analysis

35	7.360	893	895	898	rVB	572	531	0.05%	0.008%
36	7.647	931	942	956	rBV	169547	419703	40.59%	6.437%
37	7.891	979	982	983	rBV2	464	454	0.04%	0.007%
38	7.939	988	990	992	rBV3	634	530	0.05%	0.008%
39	7.958	992	993	997	rVB2	906	616	0.06%	0.009%
40	8.049	1006	1008	1011	rVB2	561	544	0.05%	0.008%
41	8.080	1011	1013	1016	rBV3	361	335	0.03%	0.005%
42	8.110	1016	1018	1021	rVB2	475	428	0.04%	0.007%
43	8.195	1030	1032	1034	rBV2	510	495	0.05%	0.008%
44	8.275	1034	1045	1061	rBV2	343432	1034119	100.00%	15.861%
45	8.549	1088	1090	1093	rBV4	721	631	0.06%	0.010%
46	8.622	1100	1102	1106	rVB3	669	902	0.09%	0.014%
47	8.756	1122	1124	1127	rVB3	452	467	0.05%	0.007%
48	8.842	1127	1138	1150	rBV	297153	588146	56.87%	9.021%
49	8.964	1156	1158	1161	rVB3	411	382	0.04%	0.006%
50	9.037	1166	1170	1172	rBV4	558	578	0.06%	0.009%
51	9.122	1183	1184	1189	rBV3	429	590	0.06%	0.009%
52	9.171	1191	1192	1194	rBV2	450	389	0.04%	0.006%
53	9.207	1197	1198	1200	rBV	630	507	0.05%	0.008%
54	9.275	1200	1209	1220	rBV	253095	507966	49.12%	7.791%
55	9.488	1243	1244	1247	rBV2	462	530	0.05%	0.008%
56	9.585	1257	1260	1263	rBV3	536	713	0.07%	0.011%
57	9.659	1270	1272	1280	rVB4	1850	2937	0.28%	0.045%
58	9.860	1304	1305	1306	rVV4	582	389	0.04%	0.006%
59	9.890	1307	1310	1317	rVV6	1488	2690	0.26%	0.041%
60	9.939	1317	1318	1321	rVB3	460	370	0.04%	0.006%
61	10.037	1327	1334	1345	rVB	117128	209703	20.28%	3.216%
62	10.220	1358	1364	1373	rBV8	1439	4437	0.43%	0.068%
63	10.323	1374	1381	1389	rBV	399947	697694	67.47%	10.701%
64	10.476	1403	1406	1409	rBV3	486	734	0.07%	0.011%
65	10.579	1415	1423	1436	rBV	75136	129764	12.55%	1.990%
66	10.707	1436	1444	1451	rBV	21759	39290	3.80%	0.603%
67	10.829	1462	1464	1465	rBV	665	393	0.04%	0.006%
68	10.927	1472	1480	1490	rBV	175896	307021	29.69%	4.709%
69	11.061	1497	1502	1516	rVB	23940	43241	4.18%	0.663%
70	11.171	1517	1520	1528	rVB7	2905	6163	0.60%	0.095%
71	11.232	1528	1530	1531	rBV2	540	539	0.05%	0.008%

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Instrument : MSVOA_W
ClientSampleId : JLLE1

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_W\METHOD\SOM2WLM073019S.M
Title : VOC Analysis

72	11.286	1537	1539	1541	rBV	439	441	0.04%	0.007%
73	11.347	1544	1549	1550	rBV3	574	896	0.09%	0.014%
74	11.396	1553	1557	1559	rBV3	1283	1863	0.18%	0.029%
75	11.439	1560	1564	1573	rVB2	5751	10243	0.99%	0.157%
76	11.506	1573	1575	1580	rBV2	646	1042	0.10%	0.016%
77	11.634	1587	1596	1606	rBV	333092	571059	55.22%	8.759%
78	11.841	1624	1630	1634	rVV5	1755	3131	0.30%	0.048%
79	11.914	1639	1642	1643	rBV3	543	582	0.06%	0.009%
80	11.957	1647	1649	1651	rBV3	464	540	0.05%	0.008%
81	12.170	1678	1684	1692	rVB7	2232	4972	0.48%	0.076%
82	12.231	1692	1694	1697	rBV4	642	641	0.06%	0.010%
83	12.292	1702	1704	1707	rBV3	370	532	0.05%	0.008%
84	12.475	1729	1734	1741	rVB4	2609	4288	0.41%	0.066%
85	12.609	1749	1756	1763	rVB2	17955	29735	2.88%	0.456%
86	12.695	1763	1770	1777	rBV	190070	318463	30.80%	4.885%
87	12.750	1777	1779	1780	rBV2	658	468	0.05%	0.007%
88	12.859	1796	1797	1799	rBV	575	392	0.04%	0.006%
89	12.932	1804	1809	1817	rVB2	5584	9695	0.94%	0.149%
90	13.079	1830	1833	1838	rVB5	1517	2327	0.23%	0.036%
91	13.158	1843	1846	1847	rBV3	739	836	0.08%	0.013%
92	13.408	1878	1887	1892	rBV5	4246	8168	0.79%	0.125%
93	13.481	1894	1899	1900	rBV5	1381	2205	0.21%	0.034%
94	13.560	1905	1912	1925	rVB	204484	339793	32.86%	5.212%
95	13.762	1941	1945	1949	rBV6	2937	5595	0.54%	0.086%
96	13.853	1953	1960	1967	rBV	209570	347115	33.57%	5.324%
97	14.072	1992	1996	2003	rVB	6264	9148	0.88%	0.140%
98	14.194	2014	2016	2017	rBV	980	736	0.07%	0.011%
99	15.359	2205	2207	2208	rBV	713	445	0.04%	0.007%
100	15.438	2214	2220	2225	rBV2	11962	21282	2.06%	0.326%

Sum of corrected areas: 6519762

LSC Report - Integrated Chromatogram

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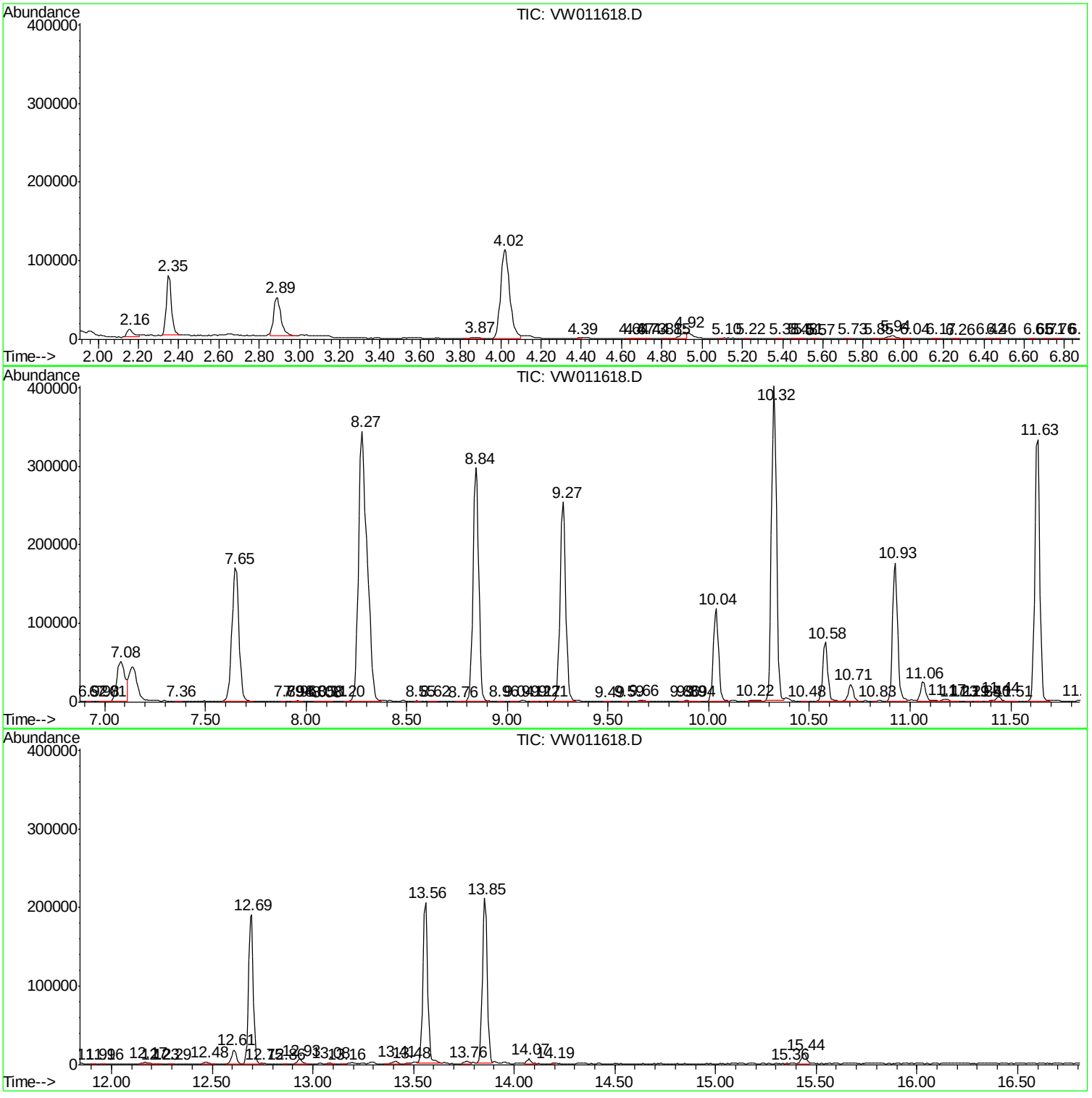
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLLE1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.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_W\DATA\VW080219\
Data File : VW011618.D
Acq On : 02 Aug 2019 13:06
Operator : SY/VA
Sample : K4116-11
Misc : 4.20G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLLE1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

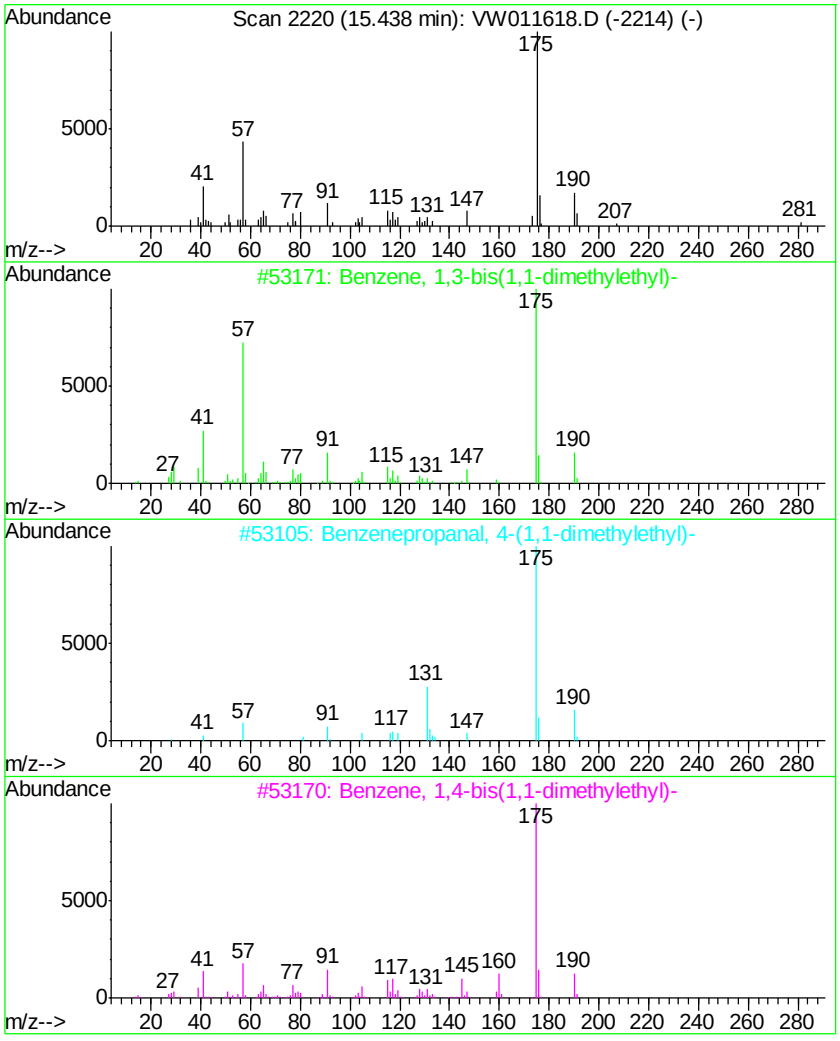
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

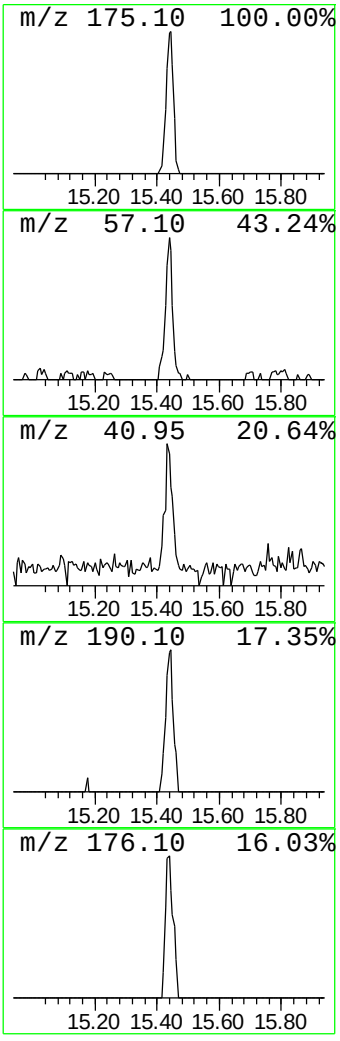
****

Peak Number 5 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.57 ug/L	21282	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
2	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80
3	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72
4	Benzo[b]thiophene, 2-ethyl-5,7-d...	190	C12H14S	018428-05-2	72
5	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	72





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-bis(...	15.44	1.6	ug/L	21282	3	13.56	339793	25.0