LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\
Data File : VW009365.D
Acq On : 23 Mar 2019 01:10
Operator : SY/VA
Sample : K2031-05
Misc : 6.16G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5W0

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\SOM2WLM031419S.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	2.355	69	74	84	rVB	53547	103888	11.58%	1.495%
2	3.867	319	322	323	rBV3	2000	1878	0.21%	0.027%
3	3.934	331	333	335	rBV2	1761	2162	0.24%	0.031%
4	4.013	335	346	356	rVV2	82097	275123	30.68%	3.959%
5	4.318	394	396	397	rBV2	1993	1427	0.16%	0.021%
6	4.647	447	450	454	rBV	2246	3475	0.39%	0.050%
7	4.818	474	478	482	rVB	1814	2356	0.26%	0.034%
8	4.854	482	484	485	rBV	3631	2896	0.32%	0.042%
9	4.915	486	494	506	rVB5	18488	65819	7.34%	0.947%
10	5.111	524	526	528	rVB	1980	1599	0.18%	0.023%
11	5.129	528	529	530	rBV	2061	1411	0.16%	0.020%
12	5.171	535	536	538	rBV	1976	1519	0.17%	0.022%
13	5.220	542	544	547	rBV	1272	1624	0.18%	0.023%
14	5.306	557	558	561	rBV2	2251	1535	0.17%	0.022%
15	5.342	563	564	567	rVB	2141	1555	0.17%	0.022%
16	5.379	567	570	571	rBV2	1382	1547	0.17%	0.022%
17	5.488	585	588	592	rVB	1789	1835	0.20%	0.026%
18	5.531	592	595	597	rBV3	1482	1826	0.20%	0.026%
19	5.610	605	608	609	rVB	2464	2099	0.23%	0.030%
20	5.629	609	611	615	rBV	1649	2722	0.30%	0.039%
21	5.659	615	616	618	rVV	1772	1554	0.17%	0.022%
22	5.696	620	622	623	rVV	2035	1484	0.17%	0.021%
23	5.745	627	630	632	rVV3	1829	2637	0.29%	0.038%
24	5.763	632	633	634	rVV	2864	1299	0.14%	0.019%
25	5.781	634	636	638	rVV3	1907	2271	0.25%	0.033%
26	5.806	638	640	642	rVV2	2455	1993	0.22%	0.029%
27	5.848	645	647	648	rVV	1065	1098	0.12%	0.016%
28	5.934	652	661	667	rVV6	7315	22387	2.50%	0.322%
29	6.001	667	672	675	rVB	1772	2342	0.26%	0.034%
30	6.031	675	677	680	rVB	1521	1582	0.18%	0.023%
31	6.055	680	681	683	rBV	1714	1422	0.16%	0.020%
32	6.098	687	688	690	rVV	2118	1188	0.13%	0.017%
33	6.153	695	697	700	rBV	1367	1518	0.17%	0.022%
34	6.232	708	710	711	rVB	1953	1337	0.15%	0.019%

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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
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Title : VOC Analysis

35	6.275	713	717	718	rBV3	1448	1638	0.18%	0.024%
36	6.366	730	732	735	rVB	2652	1900	0.21%	0.027%
37	6.433	741	743	745	rBV2	1229	1448	0.16%	0.021%
38	6.714	787	789	791	rVV	1911	1592	0.18%	0.023%
39	6.763	795	797	801	rVV2	1035	1271	0.14%	0.018%
40	6.793	801	802	805	rVB	2260	1684	0.19%	0.024%
41	6.854	807	812	815	rBV2	2644	4965	0.55%	0.071%
42	6.878	815	816	818	rVB2	2000	1334	0.15%	0.019%
43	6.903	818	820	822	rBV2	1682	1708	0.19%	0.025%
44	7.080	838	849	857	rBV	40014	119193	13.29%	1.715%
45	7.281	881	882	884	rVB	2360	1558	0.17%	0.022%
46	7.342	890	892	895	rVB	2111	1973	0.22%	0.028%
47	7.378	895	898	900	rBV	1877	2017	0.22%	0.029%
48	7.470	912	913	916	rBV	1476	1211	0.14%	0.017%
49	7.513	918	920	923	rVB3	1745	1530	0.17%	0.022%
50	7.647	931	942	957	rBV	173418	423724	47.24%	6.098%
51	7.811	967	969	971	rBV	1960	1686	0.19%	0.024%
52	8.025	1000	1004	1007	rBV4	1742	2956	0.33%	0.043%
53	8.153	1024	1025	1028	rVB	1539	1160	0.13%	0.017%
54	8.201	1031	1033	1034	rBV	1881	1587	0.18%	0.023%
55	8.275	1035	1045	1061	rVB2	288298	896869	100.00%	12.906%
56	8.396	1064	1065	1067	rBV	2772	1807	0.20%	0.026%
57	8.476	1071	1078	1086	rBV2	10659	31502	3.51%	0.453%
58	8.695	1110	1114	1116	rBV2	2359	2953	0.33%	0.042%
59	8.726	1117	1119	1120	rVB	2684	1508	0.17%	0.022%
60	8.750	1120	1123	1124	rBV2	1248	1494	0.17%	0.021%
61	8.842	1129	1138	1150	rBV	344737	684059	76.27%	9.844%
62	9.031	1165	1169	1170	rBV2	3145	2921	0.33%	0.042%
63	9.152	1187	1189	1191	rVV3	1524	1184	0.13%	0.017%
64	9.213	1197	1199	1200	rBV	2074	1352	0.15%	0.019%
65	9.274	1200	1209	1217	rVV	222372	454966	50.73%	6.547%
66	9.762	1283	1289	1298	rVB4	8215	19207	2.14%	0.276%
67	9.890	1303	1310	1317	rVV4	19632	41869	4.67%	0.603%
68	9.982	1322	1325	1326	rBV	1451	1692	0.19%	0.024%
69	10.030	1327	1333	1341	rVV2	79941	149852	16.71%	2.156%
70	10.122	1347	1348	1350	rBV	2647	1544	0.17%	0.022%
71	10.244	1365	1368	1374	rBV3	3889	7163	0.80%	0.103%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5W0

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Title : VOC Analysis

72	10.323	1374	1381	1388	rBV	370145	651215	72.61%	9.371%
73	10.500	1408	1410	1412	rBV2	2168	2306	0.26%	0.033%
74	10.579	1416	1423	1430	rVB	59937	104126	11.61%	1.498%
75	10.762	1451	1453	1458	rVB5	2444	3611	0.40%	0.052%
76	10.817	1458	1462	1464	rBV3	1608	2582	0.29%	0.037%
77	10.835	1464	1465	1466	rBV	2053	1125	0.13%	0.016%
78	10.927	1474	1480	1495	rVB	149168	259570	28.94%	3.735%
79	11.061	1500	1502	1505	rBV2	2529	2883	0.32%	0.041%
80	11.225	1527	1529	1531	rBV	2146	2308	0.26%	0.033%
81	11.506	1573	1575	1577	rBV3	1560	1370	0.15%	0.020%
82	11.634	1589	1596	1606	rVB	482938	834457	93.04%	12.008%
83	11.939	1645	1646	1650	rBV2	2041	2264	0.25%	0.033%
84	12.134	1677	1678	1680	rBV	1779	1578	0.18%	0.023%
85	12.164	1680	1683	1687	rVV4	4450	7207	0.80%	0.104%
86	12.225	1689	1693	1695	rBV	2210	2819	0.31%	0.041%
87	12.268	1698	1700	1704	rVB3	2057	2789	0.31%	0.040%
88	12.304	1704	1706	1707	rBV	2013	1529	0.17%	0.022%
89	12.378	1715	1718	1720	rBV2	2093	2062	0.23%	0.030%
90	12.463	1727	1732	1738	rBV2	21500	35650	3.97%	0.513%
91	12.603	1752	1755	1756	rBV2	3147	3016	0.34%	0.043%
92	12.695	1763	1770	1780	rBV	210935	357312	39.84%	5.142%
93	12.762	1780	1781	1783	rBV	2697	2345	0.26%	0.034%
94	12.859	1796	1797	1799	rBV2	2246	1889	0.21%	0.027%
95	13.097	1833	1836	1839	rBV4	2580	4243	0.47%	0.061%
96	13.249	1857	1861	1866	rBV3	9450	16086	1.79%	0.231%
97	13.365	1876	1880	1881	rBV4	3341	4108	0.46%	0.059%
98	13.560	1906	1912	1923	rVB	432322	675074	75.27%	9.715%
99	13.853	1954	1960	1968	rBV	329942	555098	61.89%	7.988%
100	14.694	2094	2098	2101	rBV4	4750	7909	0.88%	0.114%

Sum of corrected areas: 6949016

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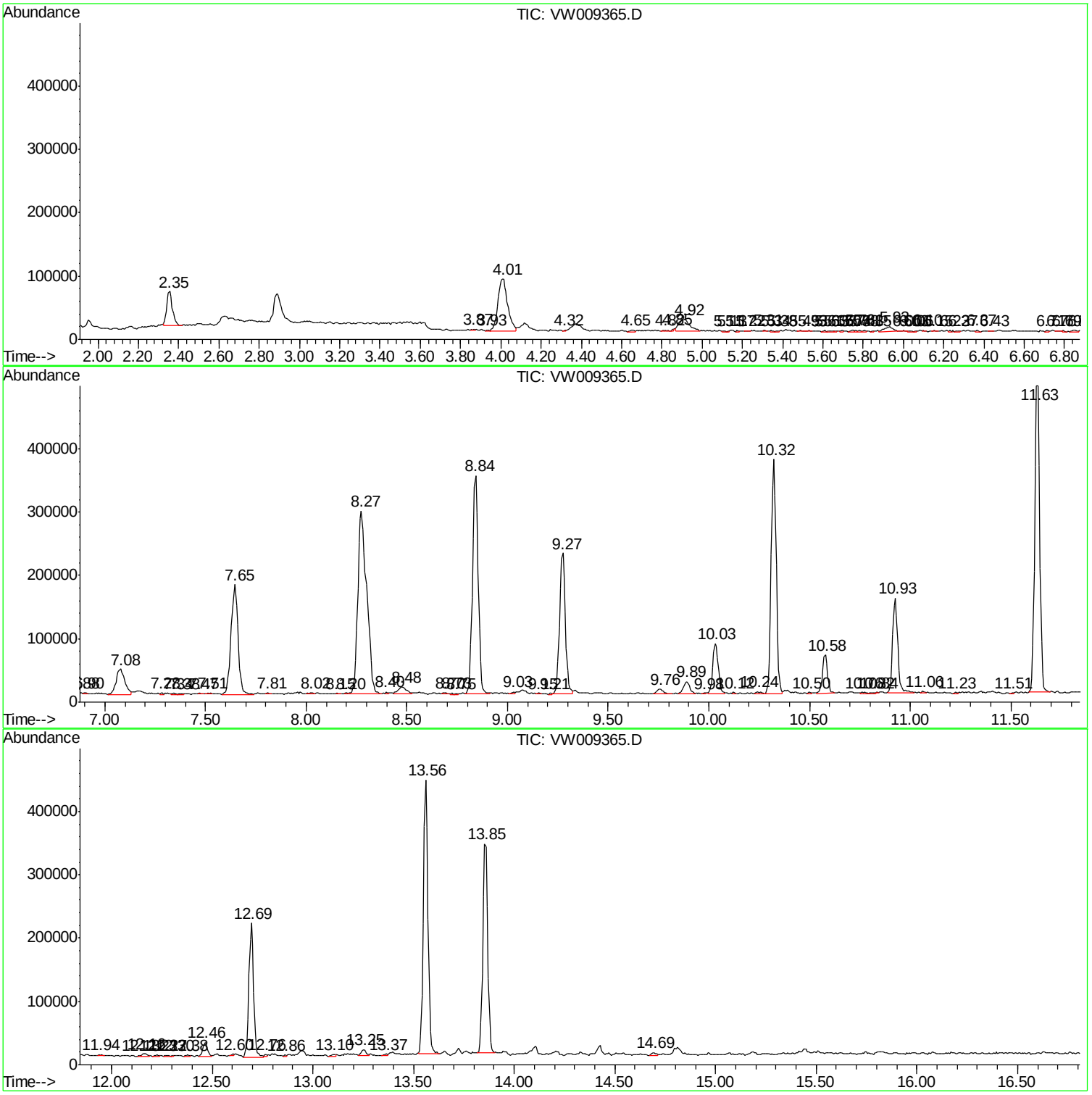
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BF5W0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

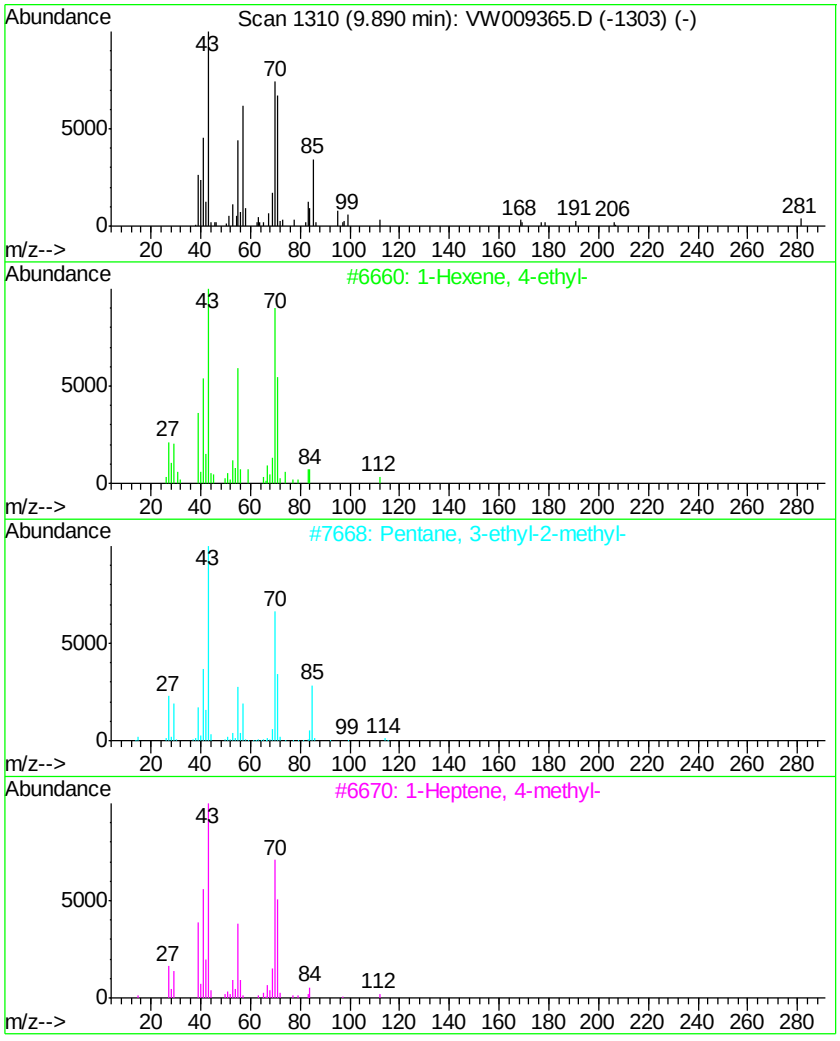
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

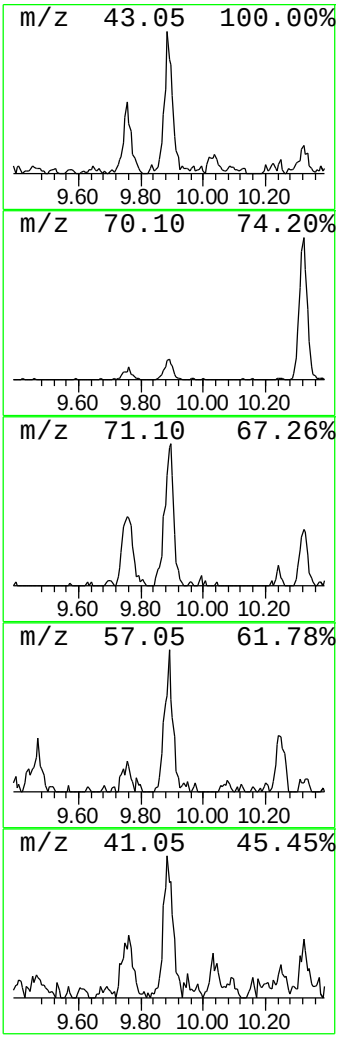
****

Peak Number 1 (DEL) Alkane: Cyclic9.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	1.53 ug/L	41869	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 4-ethyl-	112	C8H16	016746-85-3	64
2	Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	53
3	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	53
4	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	53
5	2-Undecene, 3-methyl-, (Z)-	168	C12H24	057024-90-5	49





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
(DEL) Alkane: Cyc...	9.89	1.5	ug/L	41869	1	8.84	684059	25.0