LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071619\
Data File : VW011285.D
Acq On : 16 Jul 2019 14:51
Operator : SY/VA
Sample : K3798-10
Misc : 5.93G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52H7

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\SOM2WLM070219S.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	2.349	69	73	79	rVB	11828	18839	10.03%	1.442%
2	3.483	254	259	262	rBV3	637	1046	0.56%	0.080%
3	3.849	315	319	320	rBV2	711	873	0.46%	0.067%
4	4.013	336	346	355	rVB	22183	59658	31.76%	4.567%
5	4.080	355	357	358	rBV	328	247	0.13%	0.019%
6	4.123	358	364	371	rBV2	4281	12258	6.53%	0.938%
7	4.343	397	400	401	rBV	706	661	0.35%	0.051%
8	4.367	401	404	405	rBV3	904	971	0.52%	0.074%
9	4.489	422	424	426	rVB	373	272	0.14%	0.021%
10	4.592	439	441	442	rBV2	398	277	0.15%	0.021%
11	4.879	487	488	490	rBV	762	785	0.42%	0.060%
12	5.001	502	508	522	rVB	4723	16363	8.71%	1.253%
13	5.098	522	524	525	rVB2	394	266	0.14%	0.020%
14	5.135	525	530	531	rBV2	343	570	0.30%	0.044%
15	5.397	572	573	575	rBV	273	251	0.13%	0.019%
16	5.501	586	590	591	rBV	280	295	0.16%	0.023%
17	5.544	595	597	599	rVB2	311	269	0.14%	0.021%
18	5.665	615	617	621	rVB2	259	285	0.15%	0.022%
19	5.787	632	637	642	rVV5	792	1831	0.97%	0.140%
20	5.867	648	650	651	rBV	292	265	0.14%	0.020%
21	5.897	653	655	656	rBV	434	243	0.13%	0.019%
22	5.995	668	671	672	rBV	289	253	0.13%	0.019%
23	6.428	740	742	745	rBV3	316	311	0.17%	0.024%
24	6.501	748	754	755	rBV3	371	708	0.38%	0.054%
25	6.610	770	772	775	rBV3	323	402	0.21%	0.031%
26	6.842	806	810	813	rVB3	260	323	0.17%	0.025%
27	6.885	813	817	818	rBV3	686	733	0.39%	0.056%
28	7.086	842	850	862	rBV2	8339	31656	16.85%	2.423%
29	7.275	879	881	885	rBV3	399	432	0.23%	0.033%
30	7.385	895	899	900	rBV2	311	271	0.14%	0.021%
31	7.458	908	911	912	rBV2	296	256	0.14%	0.020%
32	7.507	916	919	920	rBV	375	306	0.16%	0.023%
33	7.647	932	942	954	rBV	30232	76904	40.94%	5.887%
34	8.013	1000	1002	1004	rBV	321	290	0.15%	0.022%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52H7

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\SOM2WLM070219S.M
Title : VOC Analysis

35	8.202	1030	1033	1035	rVB3	310	302	0.16%	0.023%
36	8.275	1035	1045	1059	rBV2	59875	187832	100.00%	14.379%
37	8.464	1075	1076	1079	rBV3	495	473	0.25%	0.036%
38	8.555	1090	1091	1094	rVB2	843	637	0.34%	0.049%
39	8.647	1104	1106	1108	rVB	445	293	0.16%	0.022%
40	8.683	1110	1112	1115	rBV3	567	776	0.41%	0.059%
41	8.842	1130	1138	1146	rVB	56723	113829	60.60%	8.714%
42	8.970	1155	1159	1161	rBV	440	451	0.24%	0.035%
43	9.061	1172	1174	1176	rBV2	363	387	0.21%	0.030%
44	9.134	1185	1186	1188	rBV2	521	259	0.14%	0.020%
45	9.153	1188	1189	1192	rBV2	254	252	0.13%	0.019%
46	9.275	1200	1209	1218	rBV	46443	94513	50.32%	7.235%
47	9.409	1227	1231	1234	rBV5	859	1565	0.83%	0.120%
48	9.567	1254	1257	1260	rVB2	282	348	0.19%	0.027%
49	9.665	1269	1273	1275	rBV4	767	1067	0.57%	0.082%
50	9.689	1275	1277	1280	rVV3	480	598	0.32%	0.046%
51	9.768	1289	1290	1293	rBV2	263	277	0.15%	0.021%
52	9.835	1300	1301	1304	rVB2	587	519	0.28%	0.040%
53	9.902	1310	1312	1313	rVV2	469	272	0.14%	0.021%
54	9.963	1319	1322	1323	rBV2	235	301	0.16%	0.023%
55	10.037	1326	1334	1342	rBV	20449	38731	20.62%	2.965%
56	10.220	1363	1364	1367	rVB2	667	451	0.24%	0.035%
57	10.256	1367	1370	1372	rBV3	415	481	0.26%	0.037%
58	10.323	1373	1381	1389	rBV	71022	125667	66.90%	9.620%
59	10.488	1406	1408	1411	rBV3	335	407	0.22%	0.031%
60	10.579	1417	1423	1430	rBV	14705	25198	13.42%	1.929%
61	10.634	1430	1432	1435	rVB3	365	321	0.17%	0.025%
62	10.707	1439	1444	1449	rVV4	3320	5983	3.19%	0.458%
63	10.823	1461	1463	1466	rBV3	305	437	0.23%	0.033%
64	10.860	1466	1469	1471	rBV4	366	357	0.19%	0.027%
65	10.927	1473	1480	1487	rBV	34933	60457	32.19%	4.628%
66	11.079	1500	1505	1511	rVB5	3183	5553	2.96%	0.425%
67	11.207	1525	1526	1528	rBV2	463	362	0.19%	0.028%
68	11.262	1531	1535	1536	rBV2	275	278	0.15%	0.021%
69	11.463	1565	1568	1573	rBV4	417	737	0.39%	0.056%
70	11.518	1573	1577	1578	rBV	501	542	0.29%	0.041%
71	11.634	1589	1596	1607	rBV	73815	129862	69.14%	9.941%

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ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId : A52H7

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\SOM2WLM070219S.M
Title : VOC Analysis

72	11.774	1616	1619	1621	rBV	364	510	0.27%	0.039%
73	11.798	1621	1623	1626	rBV4	345	251	0.13%	0.019%
74	11.829	1626	1628	1630	rBV2	532	520	0.28%	0.040%
75	11.866	1630	1634	1635	rBV3	718	905	0.48%	0.069%
76	12.183	1683	1686	1689	rVV3	301	389	0.21%	0.030%
77	12.231	1693	1694	1696	rBV	445	301	0.16%	0.023%
78	12.341	1709	1712	1714	rBV3	857	852	0.45%	0.065%
79	12.475	1732	1734	1736	rVB	456	341	0.18%	0.026%
80	12.512	1736	1740	1741	rBV2	269	399	0.21%	0.031%
81	12.554	1744	1747	1750	rBV2	459	505	0.27%	0.039%
82	12.609	1750	1756	1763	rVB2	11732	19677	10.48%	1.506%
83	12.695	1763	1770	1778	rBV	43526	71496	38.06%	5.473%
84	12.865	1795	1798	1799	rBV	273	238	0.13%	0.018%
85	12.896	1801	1803	1804	rBV	451	326	0.17%	0.025%
86	12.939	1809	1810	1813	rVB2	480	353	0.19%	0.027%
87	13.121	1837	1840	1841	rBV	288	286	0.15%	0.022%
88	13.292	1863	1868	1872	rBV5	702	1404	0.75%	0.107%
89	13.469	1894	1897	1898	rBV2	277	315	0.17%	0.024%
90	13.560	1906	1912	1919	rBV	52306	83981	44.71%	6.429%
91	13.853	1954	1960	1968	rVB	46780	80998	43.12%	6.200%
92	14.072	1992	1996	2002	rVB2	2265	4233	2.25%	0.324%
93	14.115	2002	2003	2006	rBV3	554	534	0.28%	0.041%
94	14.176	2012	2013	2015	rBV2	343	343	0.18%	0.026%
95	14.249	2023	2025	2026	rBV2	465	309	0.16%	0.024%
96	14.322	2034	2037	2038	rBV2	662	713	0.38%	0.055%
97	14.371	2043	2045	2051	rVB2	638	1023	0.54%	0.078%
98	14.414	2051	2052	2055	rBV2	555	727	0.39%	0.056%
99	15.499	2227	2230	2235	rVB2	2359	3612	1.92%	0.277%
100	16.109	2328	2330	2332	rBV2	772	643	0.34%	0.049%

Sum of corrected areas: 1306329

LSC Report - Integrated Chromatogram

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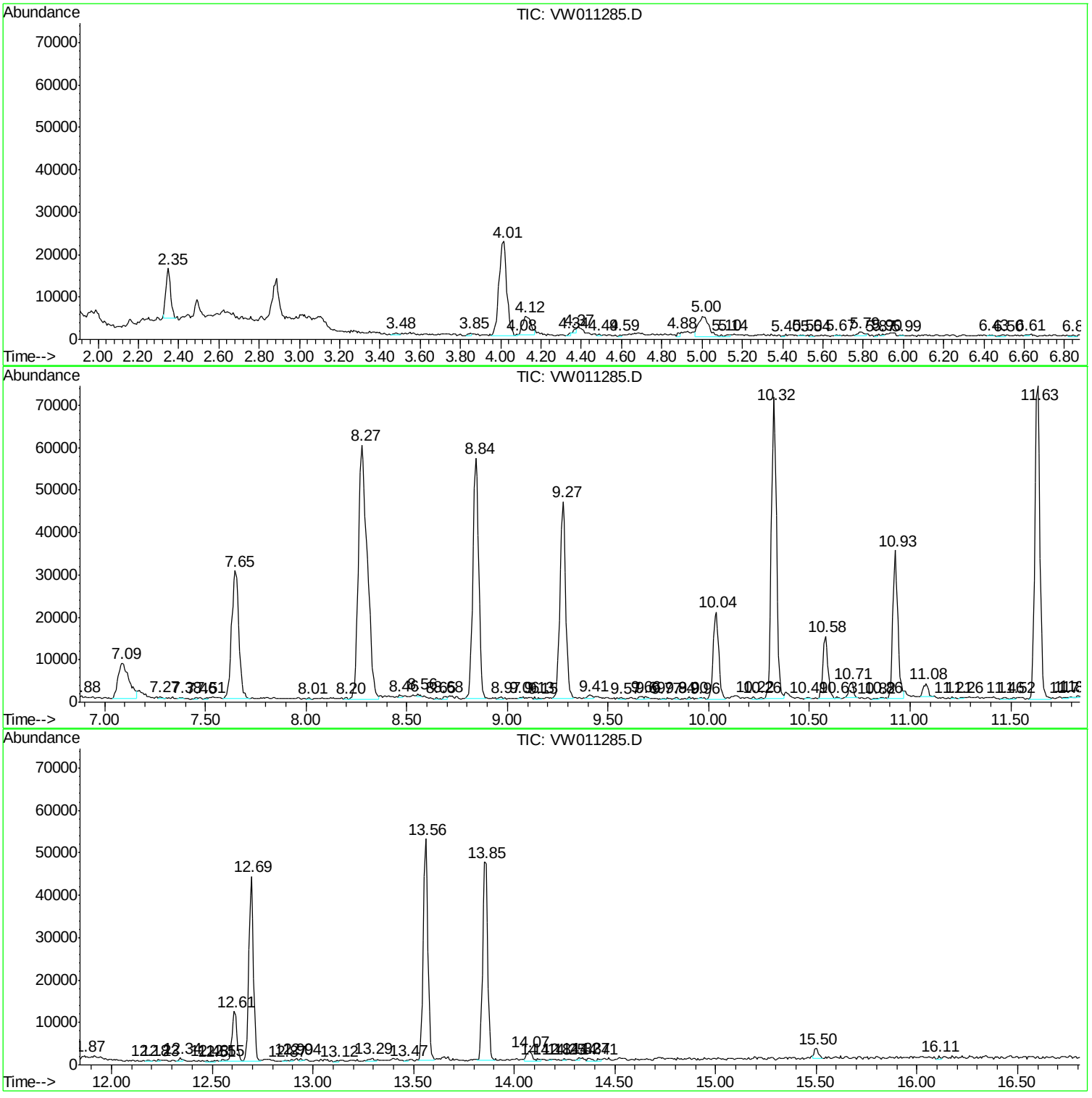
Instrument : MSVOA_W
ClientSampleId : A52H7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.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\VW071619\
Data File : VW011285.D
Acq On : 16 Jul 2019 14:51
Operator : SY/VA
Sample : K3798-10
Misc : 5.93G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A52H7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

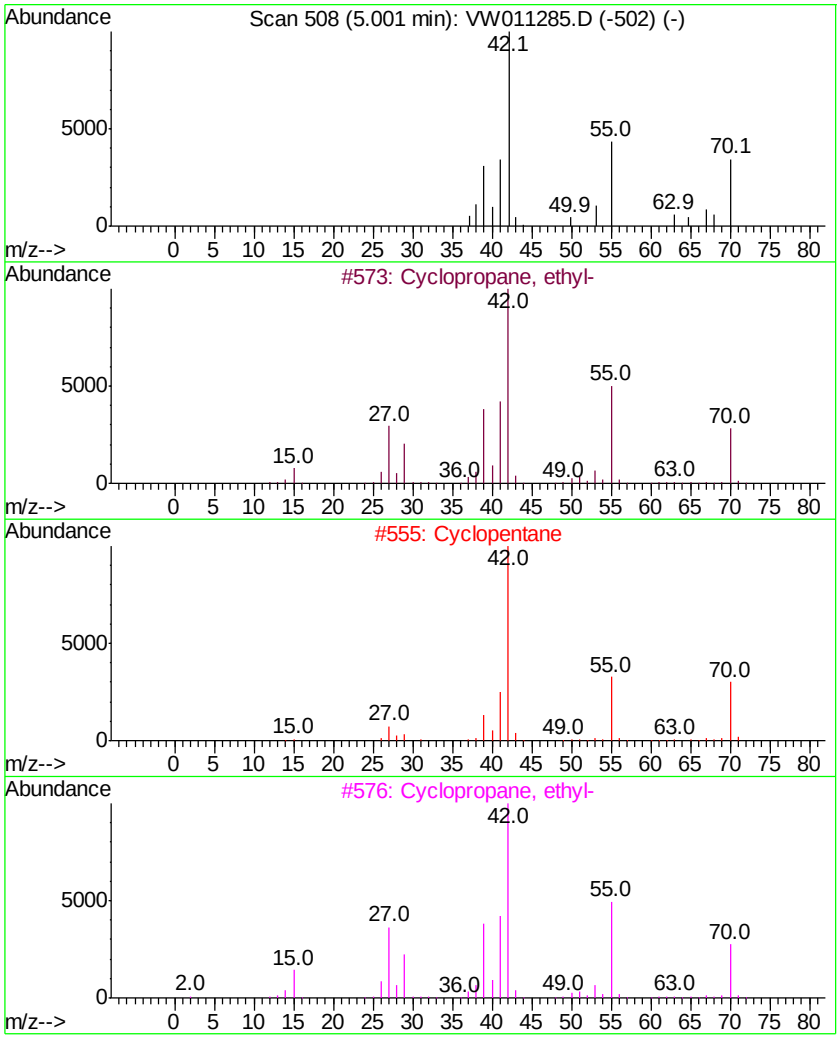
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

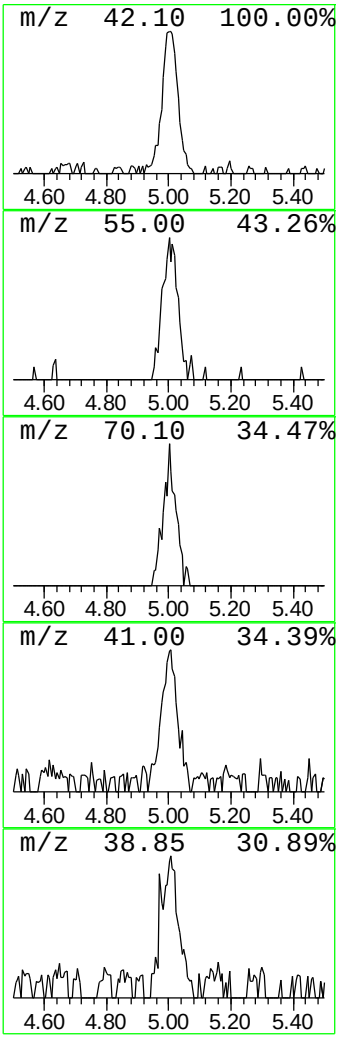
****

Peak Number 1 (DEL) Alkane: Cyclic5.00 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	3.59 ug/L	16363	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, ethyl-	70	C5H10	001191-96-4	64
2	Cyclopentane	70	C5H10	000287-92-3	59
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	50
4	1-Pentene	70	C5H10	000109-67-1	45
5	Cyclopropane, ethyl-	70	C5H10	001191-96-4	39





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071619\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
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...	5.00	3.6	ug/L	16363	1	8.84	113829	25.0