LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
Data File : VU025590.D
Acq On : 21 Jul 2018 17:33
Operator : MD/SY
Sample : J4040-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AD6

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\SOMULM072018WMA.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	0.622	7	10	11	rBV2	168	110	0.01%	0.001%
2	0.658	18	21	22	rBV	280	157	0.01%	0.002%
3	0.686	28	30	33	rBV	290	175	0.02%	0.002%
4	0.738	40	46	48	rBV3	368	339	0.03%	0.004%
5	0.809	64	68	70	rBV2	233	153	0.01%	0.002%
6	0.822	70	72	75	rVV	250	221	0.02%	0.003%
7	0.857	78	83	87	rBV2	189	173	0.02%	0.002%
8	0.876	87	89	91	rBV2	178	108	0.01%	0.001%
9	0.912	98	100	102	rVB2	325	146	0.01%	0.002%
10	0.973	117	119	120	rBV	158	43	0.00%	0.000%
11	1.014	129	132	134	rBV2	322	227	0.02%	0.003%
12	1.092	148	156	175	rBV	153687	174211	16.60%	2.011%
13	1.403	246	253	262	rBV	109916	115146	10.97%	1.329%
14	1.686	333	341	356	rVB	91263	116616	11.11%	1.346%
15	2.275	515	524	534	rBV	206723	311721	29.71%	3.598%
16	2.442	567	576	588	rBV	29815	49365	4.70%	0.570%
17	2.741	666	669	673	rVB3	548	422	0.04%	0.005%
18	2.837	684	699	713	rBV4	4343	11241	1.07%	0.130%
19	2.921	722	725	727	rBV	472	264	0.03%	0.003%
20	2.969	738	740	741	rBV	248	75	0.01%	0.001%
21	2.995	741	748	755	rVB6	953	1300	0.12%	0.015%
22	3.050	760	765	766	rBV	516	355	0.03%	0.004%
23	3.220	816	818	820	rBV	330	216	0.02%	0.002%
24	3.294	839	841	843	rBV	259	162	0.02%	0.002%
25	3.329	848	852	855	rBV2	307	314	0.03%	0.004%
26	3.616	940	941	944	rBV	137	52	0.00%	0.001%
27	3.632	944	946	947	rBV	204	69	0.01%	0.001%
28	3.661	954	955	957	rBV	175	73	0.01%	0.001%
29	3.960	1045	1048	1049	rBV	244	136	0.01%	0.002%
30	4.178	1101	1116	1138	rBV	88773	239980	22.87%	2.770%
31	4.583	1240	1242	1245	rVB3	429	220	0.02%	0.003%
32	4.654	1246	1264	1287	rBV	185156	436150	41.56%	5.034%
33	4.844	1321	1323	1325	rBV2	161	94	0.01%	0.001%
34	4.953	1355	1357	1362	rVB	252	200	0.02%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
Data File : VU025590.D
Acq On : 21 Jul 2018 17:33
Operator : MD/SY
Sample : J4040-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AD6

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\SOMULM072018WMA.M
Title : VOC Analysis

35	4.995	1365	1370	1372	rBV4	401	381	0.04%	0.004%
36	5.040	1382	1384	1387	rVB2	258	132	0.01%	0.002%
37	5.062	1387	1391	1394	rBV2	332	251	0.02%	0.003%
38	5.091	1395	1400	1403	rBV2	370	364	0.03%	0.004%
39	5.127	1409	1411	1412	rBV	258	105	0.01%	0.001%
40	5.345	1453	1479	1516	rBV2	349843	1049355	100.00%	12.110%
41	5.606	1557	1560	1564	rBV2	340	266	0.03%	0.003%
42	5.889	1634	1648	1673	rBV	373549	731208	69.68%	8.439%
43	6.059	1698	1701	1705	rVB3	546	411	0.04%	0.005%
44	6.079	1705	1707	1709	rBV2	454	244	0.02%	0.003%
45	6.143	1723	1727	1728	rBV	249	130	0.01%	0.002%
46	6.159	1729	1732	1733	rBV	450	209	0.02%	0.002%
47	6.185	1738	1740	1742	rBV2	722	417	0.04%	0.005%
48	6.230	1752	1754	1757	rBV2	246	143	0.01%	0.002%
49	6.259	1761	1763	1765	rVB	325	138	0.01%	0.002%
50	6.336	1772	1787	1805	rBV	240229	477999	45.55%	5.516%
51	6.587	1863	1865	1868	rVB2	282	152	0.01%	0.002%
52	6.603	1868	1870	1871	rBV	164	59	0.01%	0.001%
53	6.783	1921	1926	1927	rBV3	526	484	0.05%	0.006%
54	7.185	2050	2051	2052	rBV3	233	74	0.01%	0.001%
55	7.230	2052	2065	2089	rVV	138862	248913	23.72%	2.873%
56	7.567	2158	2170	2187	rBV	488529	849400	80.94%	9.803%
57	7.853	2246	2259	2274	rBV	99450	171832	16.38%	1.983%
58	8.069	2322	2326	2330	rBV3	434	479	0.05%	0.006%
59	8.185	2351	2362	2371	rBV2	11183	23211	2.21%	0.268%
60	8.313	2391	2402	2433	rVB	279604	485256	46.24%	5.600%
61	8.979	2606	2609	2613	rBV2	330	253	0.02%	0.003%
62	9.027	2621	2624	2628	rBV2	363	270	0.03%	0.003%
63	9.091	2631	2644	2666	rBV	532480	876921	83.57%	10.120%
64	9.252	2687	2694	2706	rVB3	1440	2370	0.23%	0.027%
65	9.381	2727	2734	2743	rVB4	2704	3972	0.38%	0.046%
66	9.535	2780	2782	2786	rBV2	205	124	0.01%	0.001%
67	10.136	2966	2969	2973	rVB3	336	286	0.03%	0.003%
68	10.233	2994	2999	3006	rVB5	905	1151	0.11%	0.013%
69	10.435	3050	3062	3080	rBV	329316	529489	50.46%	6.111%
70	10.590	3107	3110	3111	rBV	502	287	0.03%	0.003%
71	10.615	3111	3118	3128	rVB3	3810	6694	0.64%	0.077%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
Data File : VU025590.D
Acq On : 21 Jul 2018 17:33
Operator : MD/SY
Sample : J4040-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AD6

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\SOMULM072018WMA.M
Title : VOC Analysis

72	10.889	3199	3203	3207	rBV2	244	304	0.03%	0.004%
73	11.487	3376	3389	3409	rBV	561739	895631	85.35%	10.336%
74	11.863	3494	3506	3522	rBV	524069	844887	80.51%	9.751%
75	12.030	3554	3558	3559	rBV2	641	415	0.04%	0.005%

Sum of corrected areas: 8664901

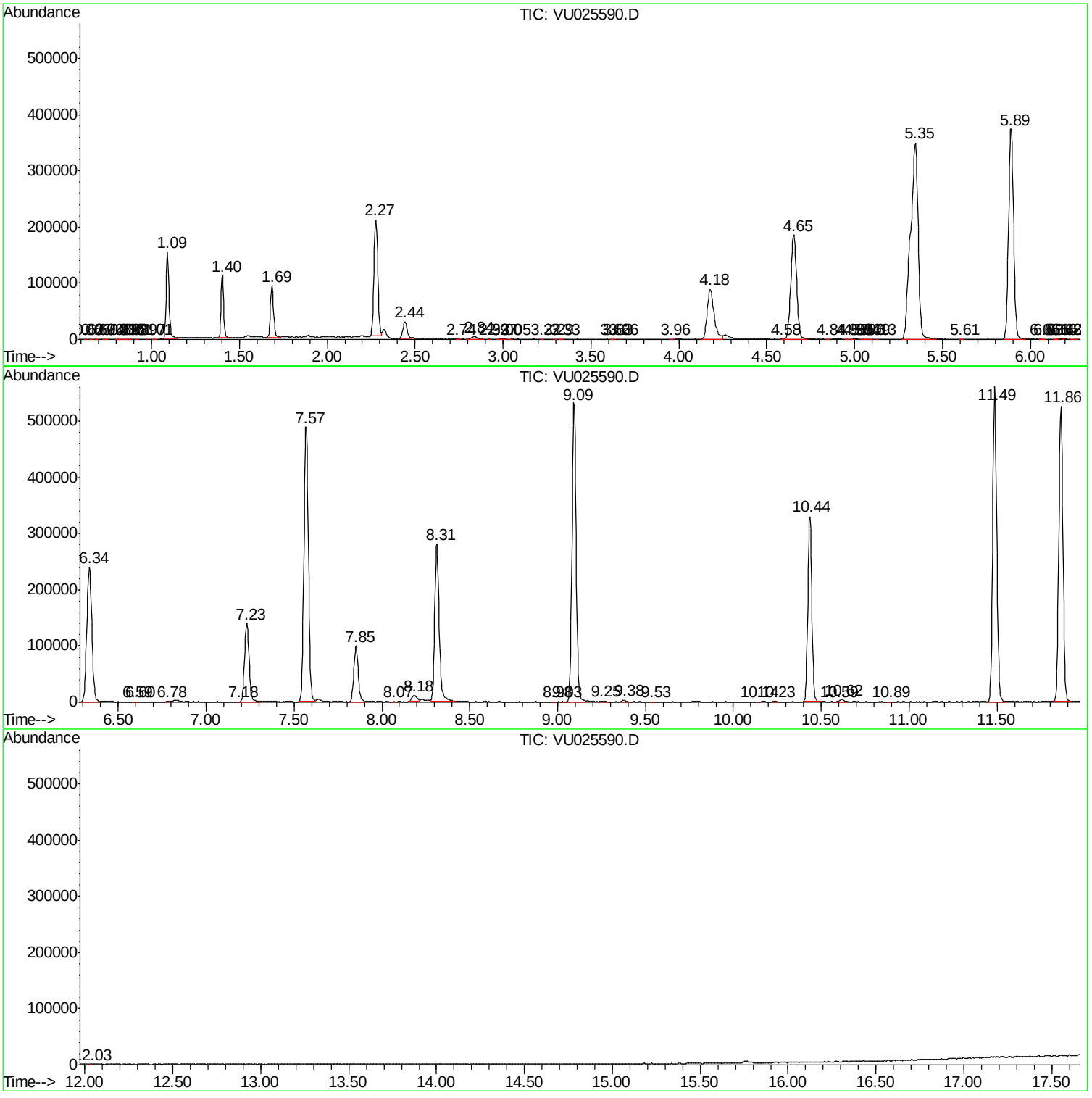
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072118\
Data File : VU025590.D
Acq On : 21 Jul 2018 17:33
Operator : MD/SY
Sample : J4040-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AD6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072118\
Data File : VU025590.D
Acq On : 21 Jul 2018 17:33
Operator : MD/SY
Sample : J4040-01
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AD6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

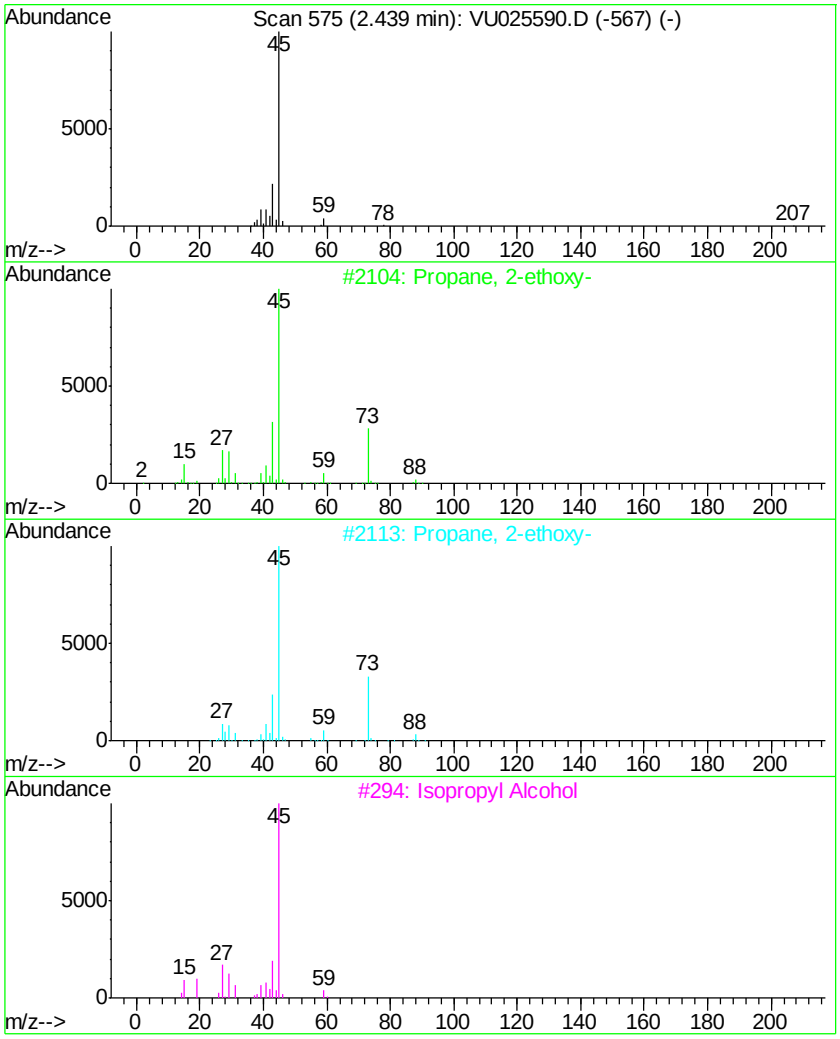
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

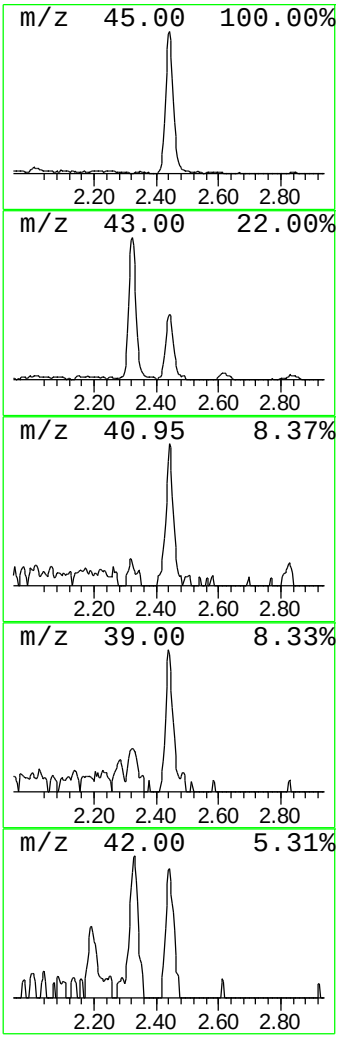
****

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.44	3.38 ug/L	49365	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	43
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	40
5	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072118\
Data File : VU025590.D
Acq On : 21 Jul 2018 17:33
Operator : MD/SY
Sample : J4040-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AD6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.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
unknown-01	2.44	3.4	ug/L	49365	1	5.89	731208	50.0