LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122118\
Data File : VU028889.D
Acq On : 21 Dec 2018 21:28
Operator : MD/SY
Sample : J6509-04
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETO82

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\SOMULM122018WMA.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	1.395	63	69	81	rVB	97401	97936	14.59%	1.916%
2	1.514	100	106	113	rVB	45258	46180	6.88%	0.903%
3	1.672	148	155	169	rVB	68897	87639	13.06%	1.714%
4	2.267	329	340	352	rBV	145023	217947	32.48%	4.264%
5	2.450	388	397	413	rBV	10318	18485	2.75%	0.362%
6	2.598	440	443	444	rBV	299	147	0.02%	0.003%
7	2.681	466	469	470	rBV	131	75	0.01%	0.001%
8	2.775	495	498	500	rBV2	167	101	0.02%	0.002%
9	2.836	505	517	531	rVB2	4095	8518	1.27%	0.167%
10	3.280	651	655	659	rBV	162	137	0.02%	0.003%
11	3.321	667	668	672	rVB	197	87	0.01%	0.002%
12	3.402	687	693	696	rBV	104	138	0.02%	0.003%
13	3.524	726	731	733	rBV	194	160	0.02%	0.003%
14	3.575	745	747	750	rVV	177	98	0.01%	0.002%
15	3.640	764	767	769	rBV	91	63	0.01%	0.001%
16	3.717	788	791	795	rVV	180	109	0.02%	0.002%
17	3.794	812	815	818	rVV	98	75	0.01%	0.001%
18	3.813	818	821	825	rVV	123	93	0.01%	0.002%
19	3.833	825	827	829	rVB2	141	74	0.01%	0.001%
20	3.849	829	832	834	rBV	91	67	0.01%	0.001%
21	3.871	838	839	844	rVB	166	70	0.01%	0.001%
22	4.000	876	879	883	rVB	155	90	0.01%	0.002%
23	4.106	908	912	916	rBV	103	95	0.01%	0.002%
24	4.180	920	935	965	rBV	64549	179585	26.76%	3.513%
25	4.501	1031	1035	1037	rBV2	242	215	0.03%	0.004%
26	4.514	1037	1039	1042	rVB2	216	149	0.02%	0.003%
27	4.646	1064	1080	1104	rBV	109300	249352	37.15%	4.878%
28	4.852	1136	1144	1147	rBV	204	198	0.03%	0.004%
29	4.894	1147	1157	1161	rBV3	459	818	0.12%	0.016%
30	5.009	1191	1193	1197	rBV	128	74	0.01%	0.001%
31	5.251	1264	1268	1270	rBV	106	80	0.01%	0.002%
32	5.337	1272	1295	1319	rBV2	233149	671115	100.00%	13.129%
33	5.556	1360	1363	1364	rBV2	177	117	0.02%	0.002%
34	5.604	1374	1378	1379	rBV	193	94	0.01%	0.002%

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ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETO82

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_U\METHOD\SOMULM122018WMA.M
Title : VOC Analysis

35	5.755	1422	1425	1427	rVB2	195	127	0.02%	0.002%
36	5.784	1427	1434	1435	rBV	155	143	0.02%	0.003%
37	5.807	1438	1441	1445	rBV2	154	103	0.02%	0.002%
38	5.884	1452	1465	1499	rBV	198634	391530	58.34%	7.659%
39	6.186	1557	1559	1560	rBV2	237	89	0.01%	0.002%
40	6.328	1589	1603	1628	rBV	151873	308733	46.00%	6.040%
41	6.459	1639	1644	1647	rVB2	444	388	0.06%	0.008%
42	6.482	1647	1651	1655	rBV	79	80	0.01%	0.002%
43	6.546	1667	1671	1675	rBV	142	142	0.02%	0.003%
44	6.662	1704	1707	1713	rVB	132	97	0.01%	0.002%
45	6.701	1715	1719	1722	rBV	184	89	0.01%	0.002%
46	6.797	1745	1749	1752	rBV	58	64	0.01%	0.001%
47	6.839	1759	1762	1765	rBV	105	95	0.01%	0.002%
48	6.868	1768	1771	1773	rVV	98	62	0.01%	0.001%
49	6.926	1785	1789	1792	rBV	88	61	0.01%	0.001%
50	6.951	1793	1797	1799	rVV	101	74	0.01%	0.001%
51	7.080	1835	1837	1843	rVB	105	79	0.01%	0.002%
52	7.225	1871	1882	1906	rBV	85171	151993	22.65%	2.973%
53	7.376	1928	1929	1933	rVV	188	107	0.02%	0.002%
54	7.395	1933	1935	1940	rVB	283	161	0.02%	0.003%
55	7.566	1975	1988	2021	rBV	303067	534374	79.62%	10.454%
56	7.848	2065	2076	2093	rBV	59262	99802	14.87%	1.952%
57	8.029	2127	2132	2136	rBV	135	122	0.02%	0.002%
58	8.077	2141	2147	2150	rBV	172	154	0.02%	0.003%
59	8.115	2157	2159	2162	rVB	215	98	0.01%	0.002%
60	8.135	2162	2165	2166	rBV	237	96	0.01%	0.002%
61	8.180	2169	2179	2192	rVB	5226	9696	1.44%	0.190%
62	8.231	2193	2195	2198	rBV	304	141	0.02%	0.003%
63	8.311	2208	2220	2253	rBV	220358	384801	57.34%	7.528%
64	8.585	2302	2305	2306	rBV	225	118	0.02%	0.002%
65	8.643	2321	2323	2325	rBV2	127	71	0.01%	0.001%
66	8.701	2339	2341	2345	rVB	188	99	0.01%	0.002%
67	8.723	2345	2348	2354	rBV	126	141	0.02%	0.003%
68	8.829	2376	2381	2384	rBV2	206	190	0.03%	0.004%
69	8.858	2386	2390	2393	rBV2	161	166	0.02%	0.003%
70	8.948	2414	2418	2420	rBV	304	182	0.03%	0.004%
71	9.000	2432	2434	2439	rVB2	196	124	0.02%	0.002%

LSC Area Percent Report

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Instrument : MSVOA_U
ClientSampleId : ETO82

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\SOMULM122018WMA.M
Title : VOC Analysis

72	9.038	2443	2446	2449	rBV	159	110	0.02%	0.002%
73	9.090	2449	2462	2490	rBV	285091	479026	71.38%	9.371%
74	9.254	2508	2513	2514	rBV	233	202	0.03%	0.004%
75	9.292	2522	2525	2526	rBV	179	90	0.01%	0.002%
76	9.324	2532	2535	2538	rBV2	197	150	0.02%	0.003%
77	9.376	2548	2551	2558	rVB2	375	394	0.06%	0.008%
78	9.498	2586	2589	2592	rBV	109	89	0.01%	0.002%
79	9.517	2592	2595	2597	rVB	261	103	0.02%	0.002%
80	9.594	2615	2619	2621	rBV	109	90	0.01%	0.002%
81	9.742	2662	2665	2670	rVB	240	171	0.03%	0.003%
82	9.778	2670	2676	2677	rBV	233	201	0.03%	0.004%
83	10.093	2771	2774	2777	rBV	133	89	0.01%	0.002%
84	10.167	2794	2797	2798	rBV	151	65	0.01%	0.001%
85	10.430	2867	2879	2896	rBV	210747	336499	50.14%	6.583%
86	10.610	2923	2935	2951	rVB	4838	8250	1.23%	0.161%
87	10.710	2964	2966	2969	rVB	192	84	0.01%	0.002%
88	11.048	3069	3071	3074	rVB	133	71	0.01%	0.001%
89	11.141	3098	3100	3103	rVB	156	63	0.01%	0.001%
90	11.286	3142	3145	3150	rVB	263	186	0.03%	0.004%
91	11.482	3194	3206	3227	rBV	251813	392775	58.53%	7.684%
92	11.636	3251	3254	3256	rBV	166	123	0.02%	0.002%
93	11.858	3311	3323	3342	rBV	259666	420986	62.73%	8.236%
94	12.009	3368	3370	3371	rBV	358	146	0.02%	0.003%
95	12.106	3397	3400	3402	rBV2	336	195	0.03%	0.004%
96	12.340	3471	3473	3476	rBV	241	134	0.02%	0.003%
97	12.482	3508	3517	3525	rBV2	1494	2455	0.37%	0.048%
98	12.774	3606	3608	3609	rBV2	261	92	0.01%	0.002%
99	12.893	3640	3645	3658	rVB5	2973	4011	0.60%	0.078%
100	13.057	3693	3696	3699	rBV	271	198	0.03%	0.004%

Sum of corrected areas: 5111821

LSC Report - Integrated Chromatogram

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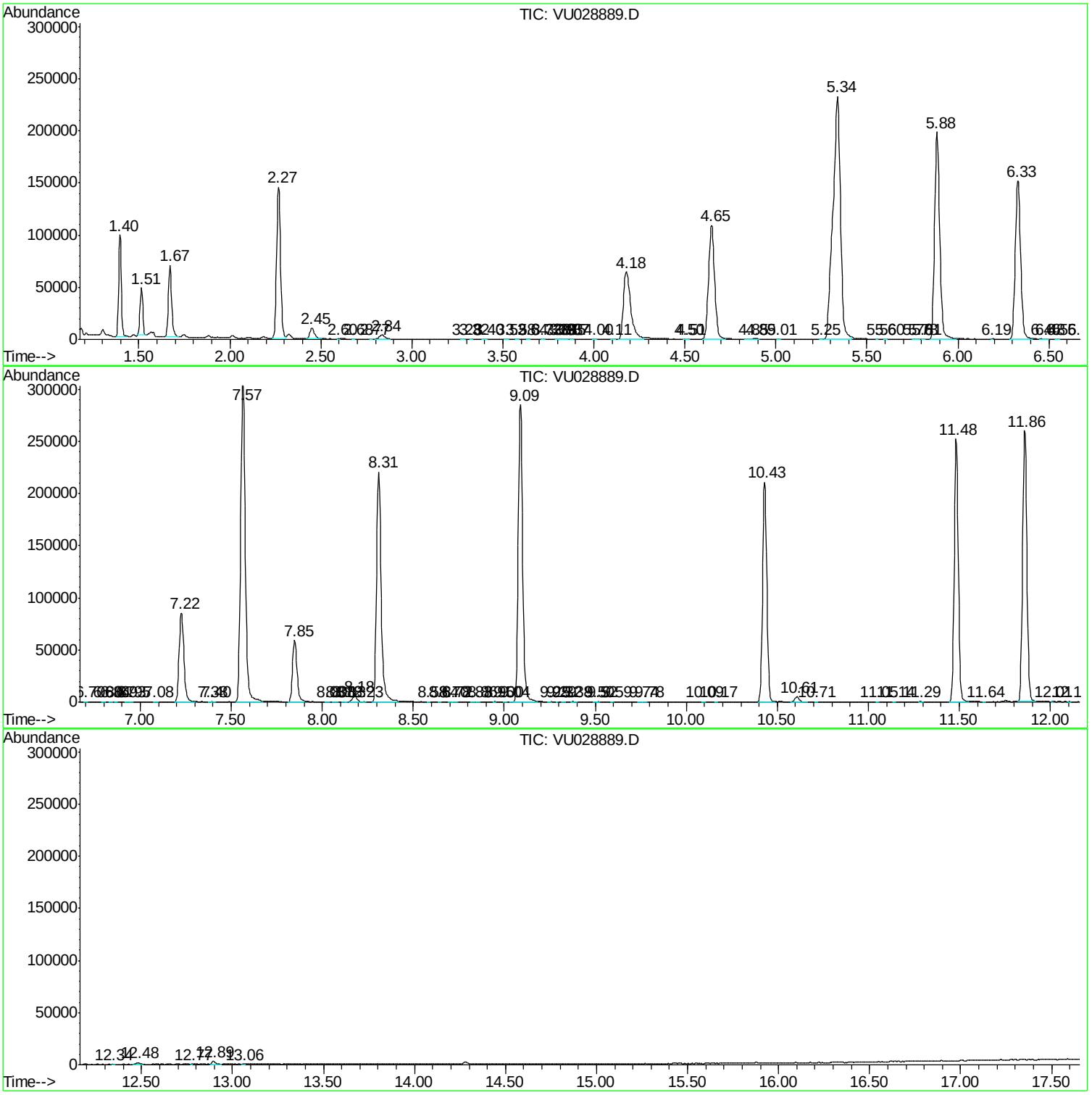
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETO82

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.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_U\DATA\VU122118\
Data File : VU028889.D
Acq On : 21 Dec 2018 21:28
Operator : MD/SY
Sample : J6509-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETO82

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

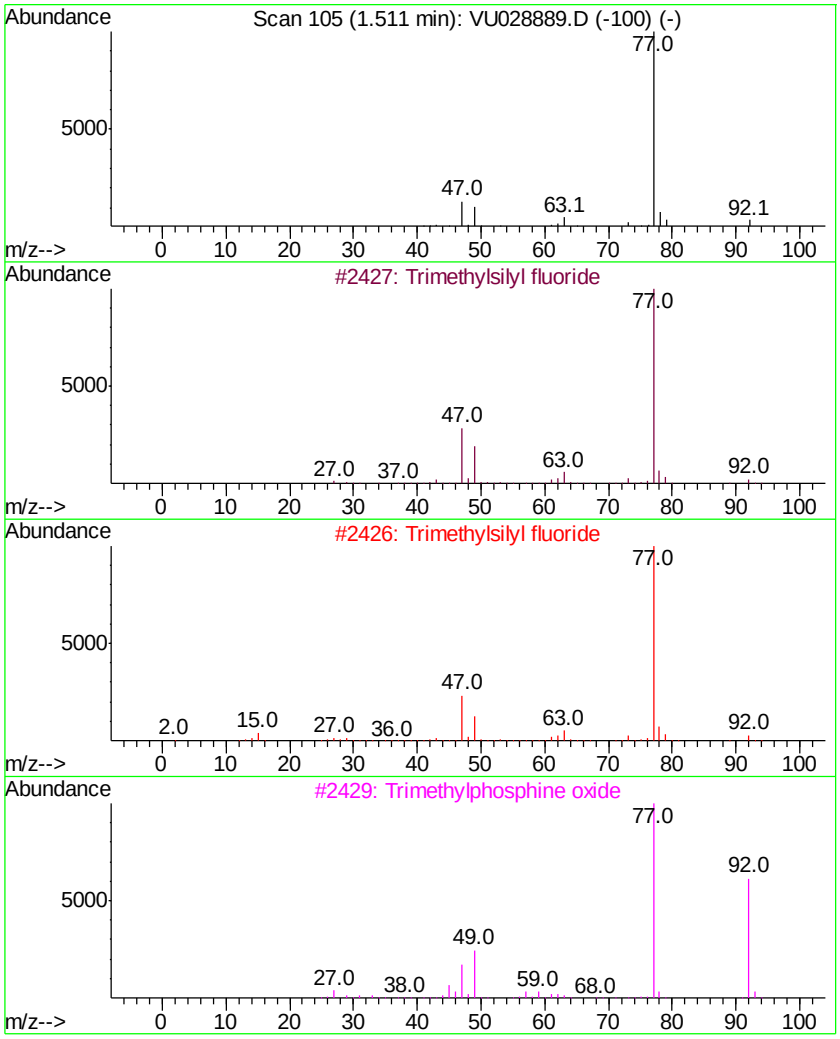
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

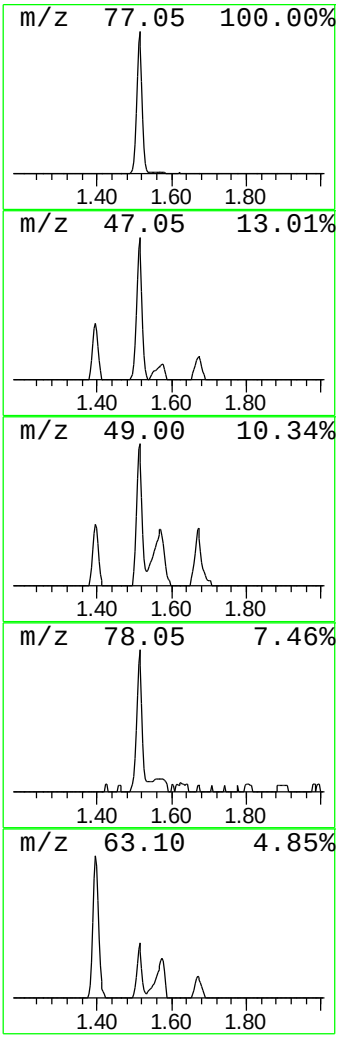
****

Peak Number 1 Trimethylsilyl fluoride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.51	5.90 ug/L	46180	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	91
2	Trimethylsilyl fluoride	92	C3H9FSi	000420-56-4	90
3	Trimethylphosphine oxide	92	C3H9OP	000676-96-0	23
4	Silanediol, dimethyl-	92	C2H8O2Si	001066-42-8	4
5	Propane, 2-chloro-2-nitro-	123	C3H6ClNO2	000594-71-8	4





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122118\
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ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.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
Trimethylsilyl fl...	1.51	5.9	ug/L	46180	1	5.88	391530	50.0