LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU122118\
Data File : VU028894.D
Acq On : 21 Dec 2018 23:29
Operator : MD/SY
Sample : J6509-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETO90

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	80	rBV	95270	94915	14.39%	1.921%
2	1.514	100	106	112	rBV	30688	30513	4.62%	0.617%
3	1.669	147	154	169	rVB	68459	86085	13.05%	1.742%
4	2.267	329	340	352	rBV	140879	212712	32.24%	4.304%
5	2.450	388	397	412	rBV	3361	6384	0.97%	0.129%
6	2.537	420	424	428	rBV	141	139	0.02%	0.003%
7	2.704	473	476	478	rBV2	294	192	0.03%	0.004%
8	2.839	507	518	528	rBV	2690	5268	0.80%	0.107%
9	2.980	560	562	567	rVB	214	103	0.02%	0.002%
10	3.025	573	576	578	rBV	123	75	0.01%	0.002%
11	3.164	616	619	620	rBV	78	52	0.01%	0.001%
12	3.447	700	707	712	rBV	139	211	0.03%	0.004%
13	3.537	731	735	738	rBV	114	91	0.01%	0.002%
14	3.643	764	768	769	rBV	75	58	0.01%	0.001%
15	3.762	801	805	806	rBV	69	48	0.01%	0.001%
16	3.845	828	831	834	rVB	124	73	0.01%	0.001%
17	3.865	834	837	840	rBV	91	73	0.01%	0.001%
18	3.916	848	853	855	rBV	116	93	0.01%	0.002%
19	4.000	875	879	885	rVB	106	115	0.02%	0.002%
20	4.042	885	892	895	rBV	221	209	0.03%	0.004%
21	4.177	921	934	960	rBV	63361	171186	25.95%	3.464%
22	4.450	1016	1019	1022	rVB	318	212	0.03%	0.004%
23	4.466	1022	1024	1027	rBV	229	177	0.03%	0.004%
24	4.537	1044	1046	1048	rVB	107	61	0.01%	0.001%
25	4.646	1064	1080	1105	rBV	103787	242618	36.77%	4.909%
26	4.832	1134	1138	1141	rBV	73	65	0.01%	0.001%
27	4.852	1142	1144	1147	rBV	145	57	0.01%	0.001%
28	4.868	1147	1149	1152	rBV	125	99	0.02%	0.002%
29	4.977	1181	1183	1188	rVB2	189	142	0.02%	0.003%
30	5.000	1188	1190	1193	rVB	135	72	0.01%	0.001%
31	5.032	1198	1200	1204	rVB	150	59	0.01%	0.001%
32	5.144	1232	1235	1239	rBV	90	68	0.01%	0.001%
33	5.337	1271	1295	1329	rBV2	228623	659782	100.00%	13.350%
34	5.656	1390	1394	1396	rBV	100	76	0.01%	0.002%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
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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
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	5.733	1415	1418	1421	rBV	96	60	0.01%	0.001%
36	5.768	1426	1429	1432	rBV	79	62	0.01%	0.001%
37	5.813	1440	1443	1446	rBV	172	93	0.01%	0.002%
38	5.884	1452	1465	1486	rBV	195739	382732	58.01%	7.744%
39	6.202	1561	1564	1568	rVB2	201	150	0.02%	0.003%
40	6.254	1577	1580	1583	rVB	183	101	0.02%	0.002%
41	6.270	1583	1585	1588	rVB	178	60	0.01%	0.001%
42	6.328	1589	1603	1623	rBV	151602	299919	45.46%	6.069%
43	6.469	1643	1647	1649	rBV2	295	186	0.03%	0.004%
44	6.524	1662	1664	1667	rBV	145	77	0.01%	0.002%
45	6.549	1668	1672	1676	rVB	117	123	0.02%	0.002%
46	6.598	1683	1687	1689	rBV	95	75	0.01%	0.002%
47	6.662	1705	1707	1709	rVV	148	75	0.01%	0.002%
48	6.688	1713	1715	1717	rVB	138	74	0.01%	0.001%
49	6.749	1730	1734	1736	rBV	180	103	0.02%	0.002%
50	6.784	1742	1745	1747	rBV	64	45	0.01%	0.001%
51	6.823	1754	1757	1760	rBV2	217	133	0.02%	0.003%
52	6.845	1760	1764	1768	rBV	83	90	0.01%	0.002%
53	6.871	1770	1772	1774	rVB	177	57	0.01%	0.001%
54	6.887	1775	1777	1779	rBV	74	44	0.01%	0.001%
55	6.929	1786	1790	1796	rBV	98	116	0.02%	0.002%
56	6.987	1806	1808	1812	rBV	131	68	0.01%	0.001%
57	7.086	1836	1839	1841	rVB	214	125	0.02%	0.003%
58	7.225	1871	1882	1901	rBV	83072	147132	22.30%	2.977%
59	7.376	1924	1929	1931	rBV2	194	159	0.02%	0.003%
60	7.395	1931	1935	1940	rVB	123	113	0.02%	0.002%
61	7.424	1941	1944	1946	rBV	81	48	0.01%	0.001%
62	7.562	1974	1987	2011	rBV	292393	520196	78.84%	10.526%
63	7.781	2053	2055	2058	rVB2	287	114	0.02%	0.002%
64	7.813	2062	2065	2066	rBV2	132	73	0.01%	0.001%
65	7.848	2066	2076	2096	rVV	58175	96493	14.62%	1.952%
66	8.006	2124	2125	2130	rVB	162	88	0.01%	0.002%
67	8.086	2147	2150	2153	rBV	178	121	0.02%	0.002%
68	8.109	2155	2157	2158	rBV	116	47	0.01%	0.001%
69	8.176	2170	2178	2191	rVB	3447	6151	0.93%	0.124%
70	8.231	2191	2195	2198	rBV	108	97	0.01%	0.002%
71	8.257	2201	2203	2205	rVB	158	66	0.01%	0.001%

LSC Area Percent Report

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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
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	8.308	2205	2219	2246	rBV	221540	374901	56.82%	7.586%
73	8.562	2293	2298	2299	rBV2	322	191	0.03%	0.004%
74	8.630	2317	2319	2322	rVB	186	105	0.02%	0.002%
75	8.652	2322	2326	2328	rBV	142	118	0.02%	0.002%
76	8.774	2361	2364	2366	rBV	103	62	0.01%	0.001%
77	8.829	2378	2381	2385	rVB	208	130	0.02%	0.003%
78	8.893	2399	2401	2404	rBV	75	58	0.01%	0.001%
79	9.038	2444	2446	2449	rBV	157	53	0.01%	0.001%
80	9.090	2449	2462	2488	rBV	277136	463119	70.19%	9.371%
81	9.270	2514	2518	2522	rBV2	234	168	0.03%	0.003%
82	9.318	2531	2533	2535	rBV	148	68	0.01%	0.001%
83	9.372	2546	2550	2557	rVB2	262	317	0.05%	0.006%
84	9.421	2563	2565	2571	rVB	105	102	0.02%	0.002%
85	9.781	2673	2677	2681	rVB2	237	176	0.03%	0.004%
86	9.877	2705	2707	2709	rVV	254	97	0.01%	0.002%
87	9.900	2712	2714	2719	rVB	153	49	0.01%	0.001%
88	10.430	2868	2879	2901	rBV	206781	327628	49.66%	6.629%
89	10.607	2927	2934	2944	rVB3	3502	5079	0.77%	0.103%
90	11.118	3090	3093	3097	rBV	210	141	0.02%	0.003%
91	11.482	3195	3206	3227	rBV	243798	380265	57.63%	7.694%
92	11.761	3291	3293	3296	rBV	270	113	0.02%	0.002%
93	11.803	3303	3306	3307	rBV	184	87	0.01%	0.002%
94	11.858	3311	3323	3344	rBV	256215	416117	63.07%	8.420%
95	12.070	3385	3389	3390	rBV	208	137	0.02%	0.003%
96	12.295	3457	3459	3461	rBV	172	69	0.01%	0.001%
97	12.478	3508	3516	3526	rBV3	1146	1849	0.28%	0.037%
98	12.784	3609	3611	3613	rBV2	228	131	0.02%	0.003%
99	12.868	3634	3637	3639	rBV2	306	256	0.04%	0.005%
100	12.896	3642	3646	3652	rVB6	2566	2995	0.45%	0.061%

Sum of corrected areas: 4942130

LSC Report - Integrated Chromatogram

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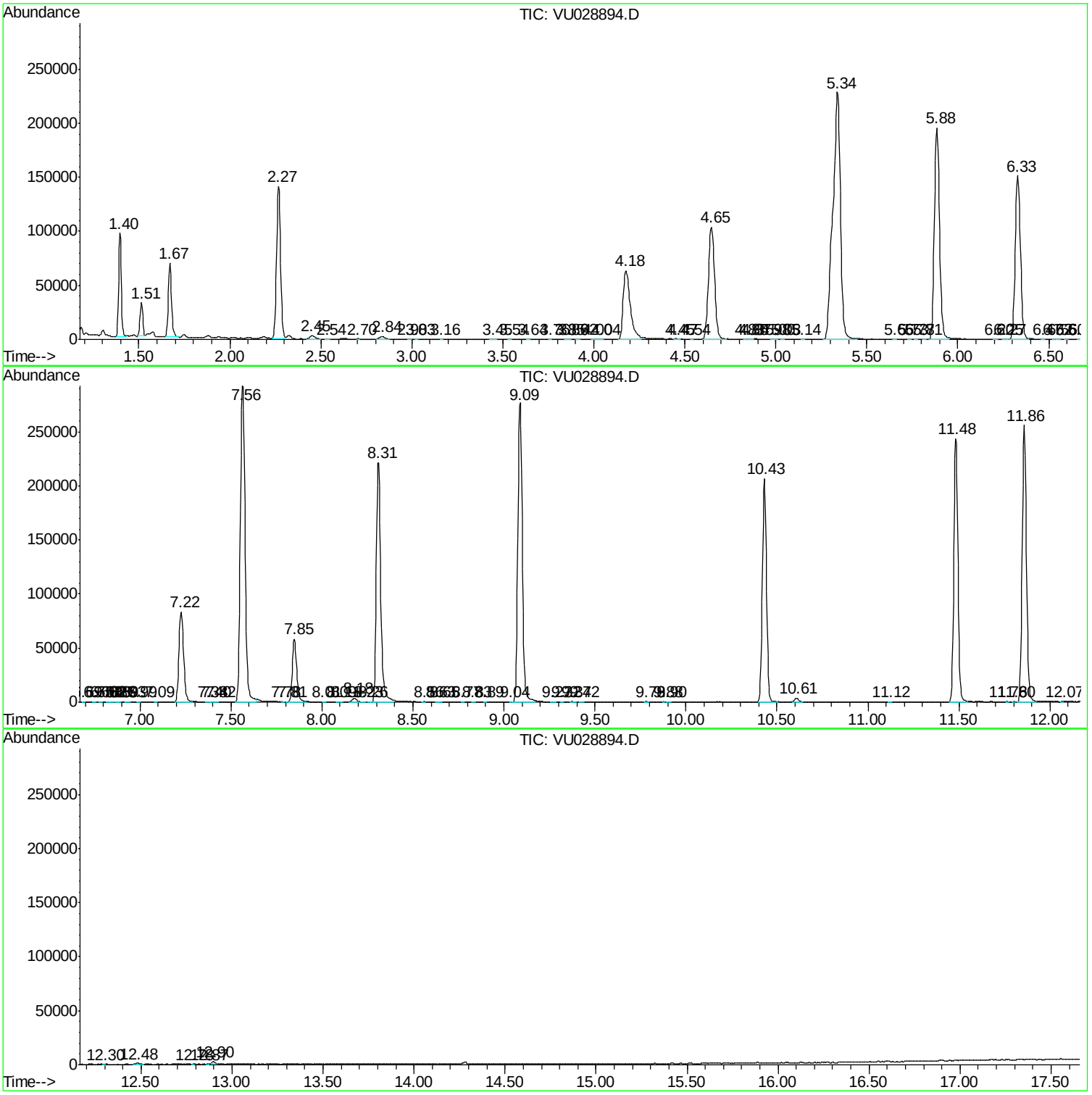
Instrument : MSVOA_U
ClientSampleId : ETO90

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\
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Operator : MD/SY
Sample : J6509-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETO90

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

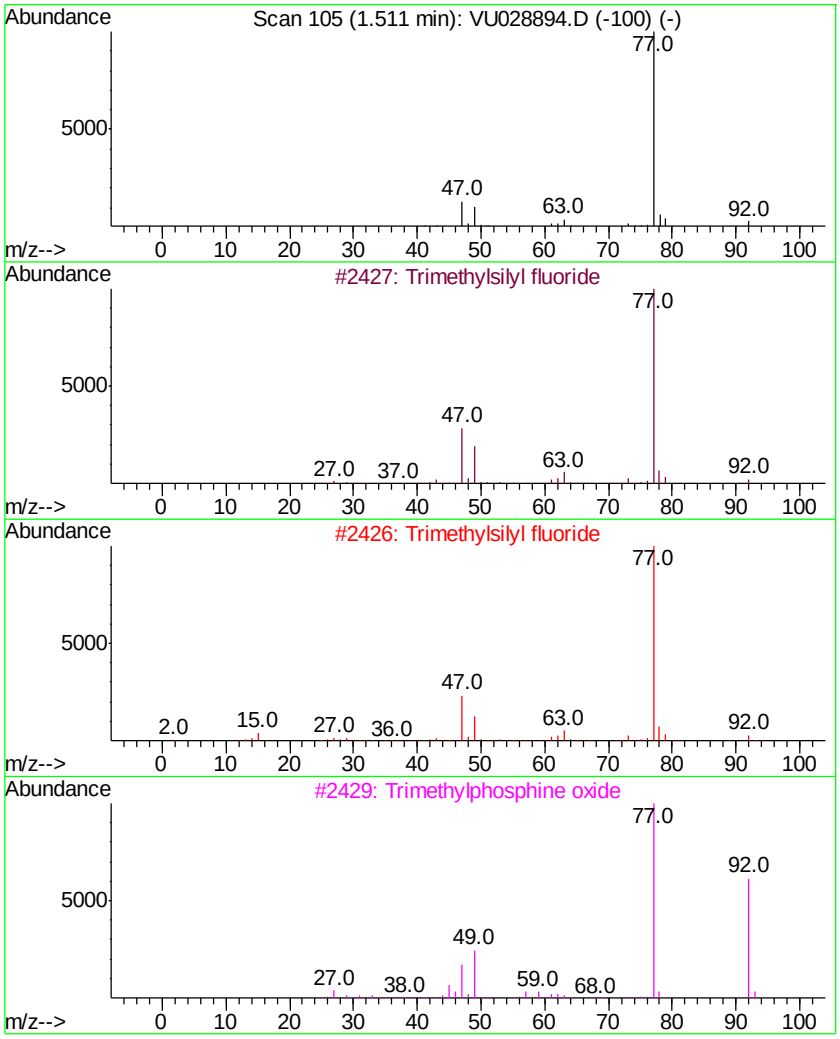
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

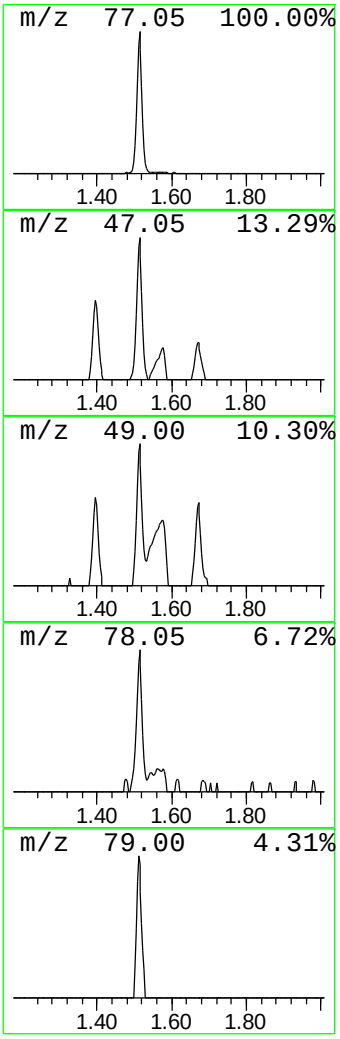
****

Peak Number 1 Trimethylsilyl fluoride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.51	3.99 ug/L	30513	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	91
3	Trimethylphosphine oxide	92	C3H9OP	000676-96-0	38
4	Propane, 2-chloro-2-nitro-	123	C3H6ClNO2	000594-71-8	4
5	Mercaptamine	77	C2H7NS	000060-23-1	3





Tentatively Identified Compound (LSC) summary

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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	4.0	ug/L	30513	1	5.88	382732	50.0