LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031622.D
Acq On : 30 Apr 2019 05:51
Operator : JC/SP
Sample : K2593-11 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X75

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\SOMULM042719WMA.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	1.180	25	28	35	rVB2	14405	12889	0.00%	0.003%
2	1.395	88	95	110	rVB	498375	539888	0.15%	0.135%
3	1.682	176	184	196	rBV	372829	467624	0.13%	0.117%
4	1.826	222	229	237	rBV	364245	484016	0.13%	0.121%
5	1.881	237	246	262	rVB	1756676	2453442	0.66%	0.613%
6	2.267	356	366	380	rVB	780765	1201841	0.32%	0.300%
7	2.473	424	430	441	rVB3	6905	11722	0.00%	0.003%
8	2.698	488	500	522	rVB	164157	307703	0.08%	0.077%
9	2.932	569	573	575	rBV3	1094	745	0.00%	0.000%
10	2.981	575	588	600	rBV2	33899	64190	0.02%	0.016%
11	3.071	613	616	619	rVB4	1993	1133	0.00%	0.000%
12	3.225	662	664	670	rVB2	1478	1067	0.00%	0.000%
13	3.267	674	677	684	rVB4	1164	1104	0.00%	0.000%
14	3.299	684	687	689	rBV3	1580	932	0.00%	0.000%
15	3.334	695	698	703	rBV4	1949	1605	0.00%	0.000%
16	3.386	712	714	722	rVB5	1281	1293	0.00%	0.000%
17	3.428	722	727	728	rBV2	2362	1950	0.00%	0.000%
18	3.518	752	755	762	rBV5	1197	1157	0.00%	0.000%
19	3.595	775	779	781	rBV2	1293	943	0.00%	0.000%
20	3.627	785	789	793	rVV2	1646	1730	0.00%	0.000%
21	3.653	793	797	802	rVV4	1231	1556	0.00%	0.000%
22	3.710	810	815	822	rVB4	894	1035	0.00%	0.000%
23	3.739	822	824	828	rBV2	1120	851	0.00%	0.000%
24	3.810	843	846	850	rVV3	985	798	0.00%	0.000%
25	3.868	861	864	869	rVB3	1012	923	0.00%	0.000%
26	3.929	880	883	886	rVV2	1205	793	0.00%	0.000%
27	3.964	889	894	897	rVB3	878	845	0.00%	0.000%
28	4.038	913	917	922	rVB3	1022	861	0.00%	0.000%
29	4.093	931	934	937	rVB2	1465	878	0.00%	0.000%
30	4.135	943	947	951	rBV4	859	771	0.00%	0.000%
31	4.209	951	970	998	rBV3	342019	1425229	0.38%	0.356%
32	4.643	1086	1105	1136	rBV	557757	1365505	0.37%	0.341%
33	4.784	1146	1149	1153	rVB4	1372	877	0.00%	0.000%
34	4.865	1169	1174	1177	rBV5	1817	2015	0.00%	0.001%

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Instrument : MSVOA_U
ClientSampleId : C0X75

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\SOMULM042719WMA.M
Title : VOC Analysis

35	4.948	1197	1200	1204	rVB3	1274	804	0.00%	0.000%
36	4.984	1207	1211	1213	rBV4	1600	1047	0.00%	0.000%
37	5.029	1218	1225	1227	rBV5	930	965	0.00%	0.000%
38	5.080	1238	1241	1245	rVB3	1506	946	0.00%	0.000%
39	5.132	1245	1257	1258	rBV4	12632	18589	0.01%	0.005%
40	5.334	1297	1320	1341	rBV2	1111803	3300655	0.89%	0.825%
41	5.585	1396	1398	1402	rBV5	1488	1047	0.00%	0.000%
42	5.624	1405	1410	1413	rBV6	1983	2224	0.00%	0.001%
43	5.710	1433	1437	1442	rVB6	1720	1620	0.00%	0.000%
44	5.746	1443	1448	1451	rBV5	1617	1756	0.00%	0.000%
45	5.881	1477	1490	1523	rBV	826481	1729223	0.47%	0.432%
46	6.199	1566	1589	1620	rBV5	147524607	370474209	100.00%	92.585%
47	7.225	1896	1908	1927	rBV	394491	718837	0.19%	0.180%
48	7.466	1975	1983	1999	rVB2	39896	69596	0.02%	0.017%
49	7.562	2000	2013	2026	rBV	1318468	2361168	0.64%	0.590%
50	7.633	2027	2035	2061	rVB	315042	602949	0.16%	0.151%
51	7.849	2092	2102	2121	rBV	261688	456832	0.12%	0.114%
52	8.013	2150	2153	2155	rBV2	1729	1168	0.00%	0.000%
53	8.067	2161	2170	2191	rVB3	46282	91333	0.02%	0.023%
54	8.144	2192	2194	2197	rBV4	1323	846	0.00%	0.000%
55	8.222	2205	2218	2236	rBV	1363476	2390143	0.65%	0.597%
56	8.312	2236	2246	2289	rVB	1041018	2093019	0.56%	0.523%
57	8.556	2320	2322	2330	rVB5	3762	3349	0.00%	0.001%
58	8.694	2362	2365	2368	rBV2	2094	1700	0.00%	0.000%
59	8.765	2385	2387	2391	rBV5	1620	967	0.00%	0.000%
60	8.939	2438	2441	2447	rVB4	1476	1408	0.00%	0.000%
61	9.006	2460	2462	2465	rVB3	1524	764	0.00%	0.000%
62	9.086	2474	2487	2522	rBV	1262519	2197263	0.59%	0.549%
63	9.250	2530	2538	2551	rVB5	13663	27024	0.01%	0.007%
64	9.373	2566	2576	2593	rBV2	58217	105156	0.03%	0.026%
65	9.508	2616	2618	2623	rVB4	1685	1111	0.00%	0.000%
66	9.643	2656	2660	2663	rBV5	2573	2214	0.00%	0.001%
67	9.778	2692	2702	2717	rBV2	29452	52849	0.01%	0.013%
68	9.848	2722	2724	2727	rVB4	1643	822	0.00%	0.000%
69	9.926	2745	2748	2753	rVB2	1229	1069	0.00%	0.000%
70	10.102	2796	2803	2809	rBV6	2402	3352	0.00%	0.001%
71	10.135	2809	2813	2816	rVB4	1712	1520	0.00%	0.000%

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Instrument : MSVOA_U
ClientSampleId : C0X75

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_U\METHOD\SOMULM042719WMA.M
Title : VOC Analysis

72	10.164	2816	2822	2823	rBV4	3525	2948	0.00%	0.001%
73	10.427	2889	2904	2924	rBV	938847	1509686	0.41%	0.377%
74	10.572	2946	2949	2950	rBV2	1374	878	0.00%	0.000%
75	10.633	2965	2968	2971	rVB3	1462	973	0.00%	0.000%
76	10.684	2976	2984	2989	rBV4	13560	18836	0.01%	0.005%
77	10.848	3032	3035	3038	rBV2	1595	1364	0.00%	0.000%
78	10.948	3063	3066	3068	rBV3	1682	1110	0.00%	0.000%
79	10.971	3068	3073	3081	rVB4	6874	9579	0.00%	0.002%
80	11.086	3102	3109	3113	rBV4	3449	3923	0.00%	0.001%
81	11.147	3117	3128	3141	rBV2	24060	40701	0.01%	0.010%
82	11.279	3165	3169	3171	rBV2	1372	899	0.00%	0.000%
83	11.479	3220	3231	3252	rBV	1017746	1645012	0.44%	0.411%
84	11.565	3255	3258	3270	rVB4	20589	28704	0.01%	0.007%
85	11.758	3314	3318	3322	rBV4	2767	2939	0.00%	0.001%
86	11.855	3336	3348	3373	rBV	1063235	1779092	0.48%	0.445%
87	12.546	3561	3563	3566	rBV3	1705	1160	0.00%	0.000%
88	12.665	3596	3600	3601	rBV2	1421	1057	0.00%	0.000%
89	12.742	3620	3624	3626	rBV3	2117	1863	0.00%	0.000%
90	13.080	3725	3729	3730	rBV3	1564	1197	0.00%	0.000%
91	13.118	3736	3741	3746	rVB6	2258	2615	0.00%	0.001%
92	13.144	3746	3749	3751	rBV2	1762	1040	0.00%	0.000%
93	13.231	3772	3776	3780	rBV2	2020	1958	0.00%	0.000%
94	13.382	3820	3823	3826	rBV2	1743	1157	0.00%	0.000%
95	13.588	3884	3887	3889	rBV3	1212	797	0.00%	0.000%
96	14.154	4060	4063	4066	rBV3	1446	1181	0.00%	0.000%
97	14.540	4180	4183	4186	rBV2	1174	778	0.00%	0.000%
98	14.604	4200	4203	4206	rBV3	2217	1907	0.00%	0.000%
99	14.649	4214	4217	4219	rBV2	2112	1235	0.00%	0.000%
100	15.051	4340	4342	4348	rBV4	2203	2001	0.00%	0.001%

Sum of corrected areas: 400146045

LSC Report - Integrated Chromatogram

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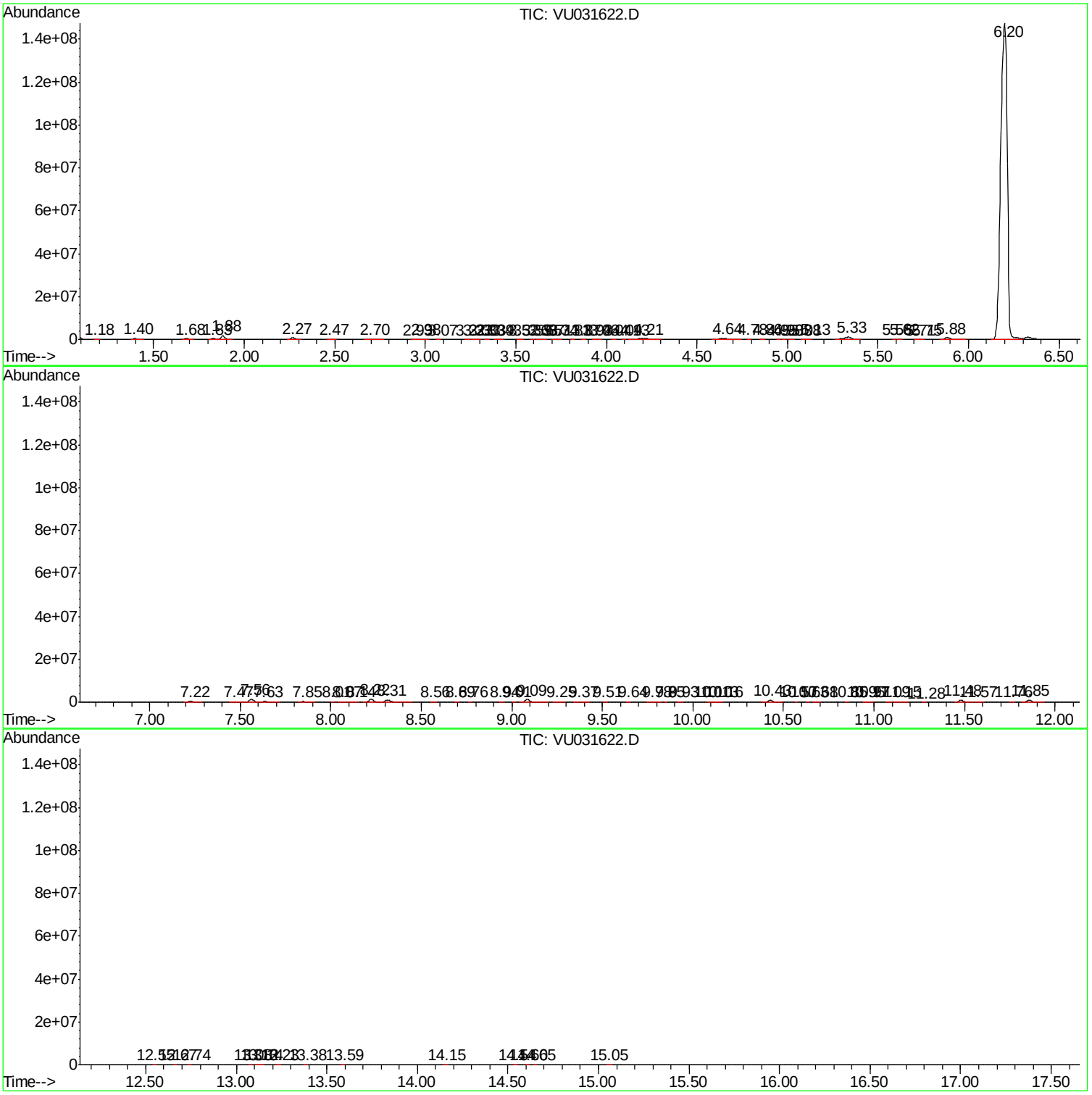
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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\VU042919\
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Operator : JC/SP
Sample : K2593-11 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0X75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

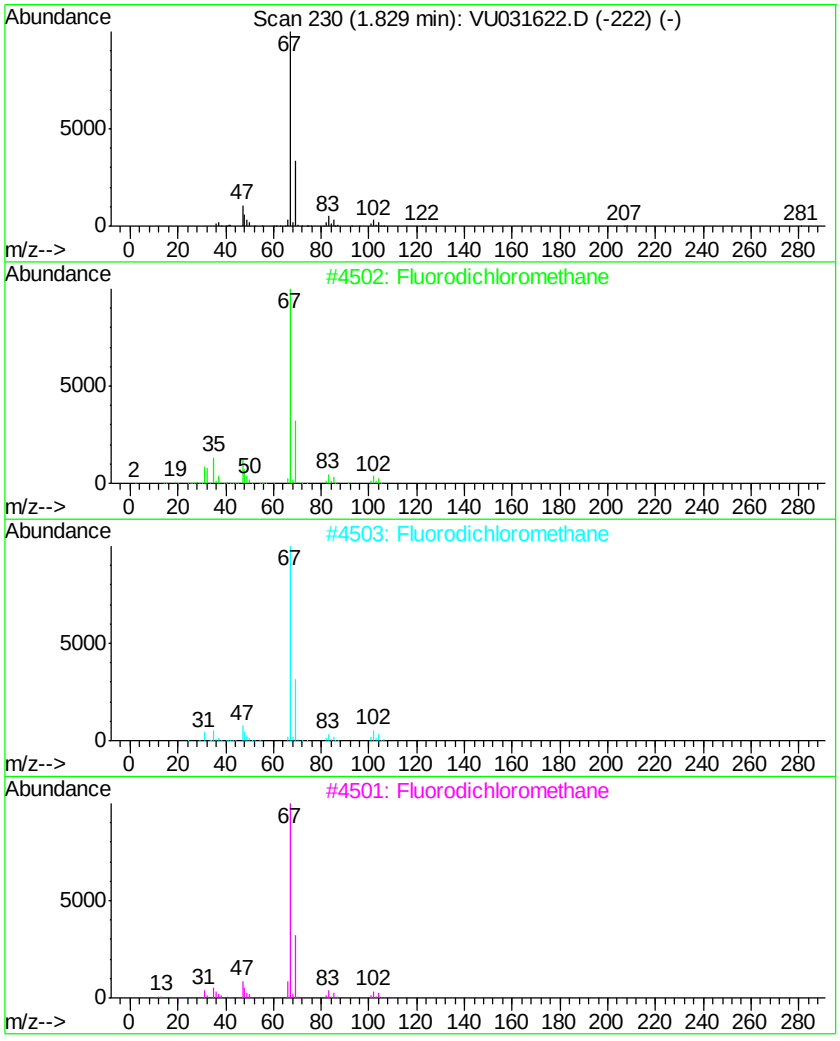
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

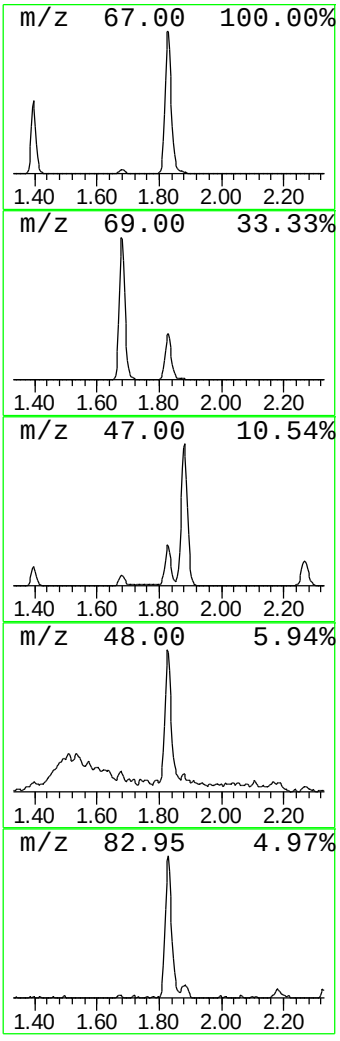
****

Peak Number 1 Fluorodichloromethane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.83	14.00 ug/L	484016	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorodichloromethane	102	CHCl2F	000075-43-4	94
2	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
3	Fluorodichloromethane	102	CHCl2F	000075-43-4	91
4	1-Butyne, 3,3-dimethyl-	82	C6H10	000917-92-0	7
5	Methanamine, N,N-difluoro-	67	CH3F2N	000753-58-2	5





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
Fluorodichloromet...	1.83	14.0	ug/L	484016	1	5.88	1729220	50.0