LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120524\
Data File : VU062091.D
Acq On : 05 Dec 2024 10:48
Operator : MD/SY
Sample : VU1205MBL01
Misc : 5.00g/5mL/100ul/5ML/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK111

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\SFAMULM112724WMA.M
Title : VOC Analysis

Signal : TIC: VU062091.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.480	54	59	66	rBV	12825	13724	2.02%	0.271%
2	1.595	87	95	119	rBV	57694	94576	13.94%	1.868%
3	2.541	377	389	407	rBV	140408	229844	33.88%	4.539%
4	2.634	407	418	436	rVV	28170	49963	7.37%	0.987%
5	2.769	454	460	465	rBV2	540	756	0.11%	0.015%
6	2.837	478	481	483	rBV	197	163	0.02%	0.003%
7	2.930	508	510	512	rBV	170	117	0.02%	0.002%
8	2.962	512	520	522	rVV2	326	424	0.06%	0.008%
9	3.020	536	538	542	rVB	267	200	0.03%	0.004%
10	3.042	542	545	550	rBV	328	334	0.05%	0.007%
11	3.174	581	586	588	rBV3	664	640	0.09%	0.013%
12	3.229	601	603	605	rBV2	303	197	0.03%	0.004%
13	3.402	654	657	660	rBV	146	149	0.02%	0.003%
14	3.438	665	668	670	rBV	175	149	0.02%	0.003%
15	3.489	682	684	687	rBV	237	155	0.02%	0.003%
16	3.782	772	775	777	rBV	242	162	0.02%	0.003%
17	3.859	795	799	803	rBB	296	250	0.04%	0.005%
18	3.882	803	806	809	rBV	154	163	0.02%	0.003%
19	3.933	816	822	825	rBV	199	265	0.04%	0.005%
20	3.988	837	839	841	rBV	227	133	0.02%	0.003%
21	4.017	845	848	850	rBB	169	110	0.02%	0.002%
22	4.090	868	871	875	rBV	148	168	0.02%	0.003%
23	4.126	880	882	883	rBV	227	109	0.02%	0.002%
24	4.312	936	940	943	rBB	132	139	0.02%	0.003%
25	4.444	979	981	983	rBB	252	115	0.02%	0.002%
26	4.627	1029	1038	1079	rBV	37990	123270	18.17%	2.434%
27	4.881	1112	1117	1118	rBV	227	212	0.03%	0.004%
28	5.052	1155	1170	1194	rVV	117037	268368	39.56%	5.300%
29	5.184	1207	1211	1213	rVB	349	232	0.03%	0.005%
30	5.213	1217	1220	1223	rVB	448	297	0.04%	0.006%
31	5.258	1230	1234	1238	rBB	172	192	0.03%	0.004%
32	5.293	1242	1245	1249	rBB2	267	199	0.03%	0.004%
33	5.325	1252	1255	1258	rBV	140	139	0.02%	0.003%
34	5.357	1263	1265	1267	rVB	249	116	0.02%	0.002%
35	5.486	1303	1305	1307	rBV	179	120	0.02%	0.002%
36	5.711	1355	1375	1398	rBV2	255778	678347	100.00%	13.396%

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Sample : VU1205MBL01
Misc : 5.00g/5mL/100ul/5ML/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK111

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\SFAMULM112724WMA.M
Title : VOC Analysis

37	5.984	1457	1460	1461	rBV	329	228	0.03%	0.005%
38	6.055	1479	1482	1486	rBB	165	168	0.02%	0.003%
39	6.164	1513	1516	1517	rBV	213	111	0.02%	0.002%
40	6.238	1527	1539	1569	rBV	207238	413492	60.96%	8.165%
41	6.470	1609	1611	1614	rBV	141	116	0.02%	0.002%
42	6.521	1623	1627	1628	rBV	613	375	0.06%	0.007%
43	6.582	1644	1646	1648	rBV	248	142	0.02%	0.003%
44	6.608	1648	1654	1657	rBV2	670	584	0.09%	0.012%
45	6.679	1664	1676	1700	rBV	146413	299643	44.17%	5.917%
46	6.804	1712	1715	1718	rVB2	693	427	0.06%	0.008%
47	6.830	1720	1723	1725	rBB	230	129	0.02%	0.003%
48	6.846	1725	1728	1731	rBB	126	110	0.02%	0.002%
49	6.875	1734	1737	1741	rBB	235	185	0.03%	0.004%
50	6.923	1749	1752	1754	rBV	143	126	0.02%	0.002%
51	6.978	1766	1769	1772	rBV	119	128	0.02%	0.003%
52	7.119	1810	1813	1815	rBV	139	120	0.02%	0.002%
53	7.190	1832	1835	1836	rBV	449	227	0.03%	0.004%
54	7.438	1909	1912	1915	rBB	190	144	0.02%	0.003%
55	7.467	1916	1921	1924	rBB	177	189	0.03%	0.004%
56	7.502	1929	1932	1934	rBB	172	115	0.02%	0.002%
57	7.521	1935	1938	1939	rBV	207	139	0.02%	0.003%
58	7.560	1939	1950	1976	rVV	79895	152619	22.50%	3.014%
59	7.730	2000	2003	2005	rBV	259	164	0.02%	0.003%
60	7.788	2015	2021	2025	rBV	158	234	0.03%	0.005%
61	7.891	2040	2053	2077	rBV	300181	549159	80.96%	10.845%
62	8.065	2104	2107	2110	rBV	299	215	0.03%	0.004%
63	8.097	2115	2117	2120	rVB2	284	186	0.03%	0.004%
64	8.122	2121	2125	2127	rBV	175	143	0.02%	0.003%
65	8.174	2130	2141	2163	rBV2	53618	102765	15.15%	2.029%
66	8.399	2209	2211	2214	rVB2	256	143	0.02%	0.003%
67	8.422	2214	2218	2222	rBB	202	213	0.03%	0.004%
68	8.454	2225	2228	2231	rBV	234	193	0.03%	0.004%
69	8.589	2268	2270	2273	rBV	152	122	0.02%	0.002%
70	8.650	2274	2289	2318	rBV	111468	284390	41.92%	5.616%
71	8.897	2363	2366	2369	rVV2	183	139	0.02%	0.003%
72	9.132	2437	2439	2444	rBB	159	162	0.02%	0.003%
73	9.158	2445	2447	2453	rBV	255	260	0.04%	0.005%
74	9.222	2463	2467	2470	rBV	149	182	0.03%	0.004%
75	9.274	2480	2483	2485	rBV	168	130	0.02%	0.003%
76	9.309	2490	2494	2497	rBV	165	151	0.02%	0.003%

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Misc : 5.00g/5mL/100ul/5ML/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK111

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\SFAMULM112724WMA.M
Title : VOC Analysis

77	9.412	2514	2526	2555	rVV	268130	500429	73.77%	9.882%
78	9.598	2581	2584	2586	rBB2	231	148	0.02%	0.003%
79	9.656	2595	2602	2603	rBV	182	204	0.03%	0.004%
80	9.675	2606	2608	2610	rBV	145	109	0.02%	0.002%
81	9.701	2611	2616	2617	rBV2	209	210	0.03%	0.004%
82	9.762	2633	2635	2637	rBV	223	127	0.02%	0.003%
83	9.987	2698	2705	2707	rBV	218	282	0.04%	0.006%
84	10.257	2785	2789	2791	rBV	166	163	0.02%	0.003%
85	10.486	2856	2860	2867	rVB2	264	344	0.05%	0.007%
86	10.756	2931	2944	2960	rBV	205342	344790	50.83%	6.809%
87	11.093	3044	3049	3051	rBV3	427	389	0.06%	0.008%
88	11.364	3130	3133	3136	rBB	169	143	0.02%	0.003%
89	11.389	3137	3141	3145	rBV	374	311	0.05%	0.006%
90	11.470	3162	3166	3169	rBV	498	485	0.07%	0.010%
91	11.749	3247	3253	3260	rBV3	902	1012	0.15%	0.020%
92	11.807	3260	3271	3291	rBV	276612	460703	67.92%	9.098%
93	12.190	3376	3390	3415	rBV	280375	477667	70.42%	9.433%
94	12.344	3435	3438	3439	rBV	240	120	0.02%	0.002%
95	13.235	3709	3715	3725	rBB2	663	1062	0.16%	0.021%
96	13.859	3903	3909	3910	rBV2	720	571	0.08%	0.011%
97	14.338	4053	4058	4061	rBV3	1183	1105	0.16%	0.022%
98	14.434	4085	4088	4092	rBV2	358	227	0.03%	0.004%
99	14.560	4124	4127	4130	rBV	236	169	0.02%	0.003%
100	14.868	4221	4223	4229	rBV	275	181	0.03%	0.004%

Sum of corrected areas: 5063916

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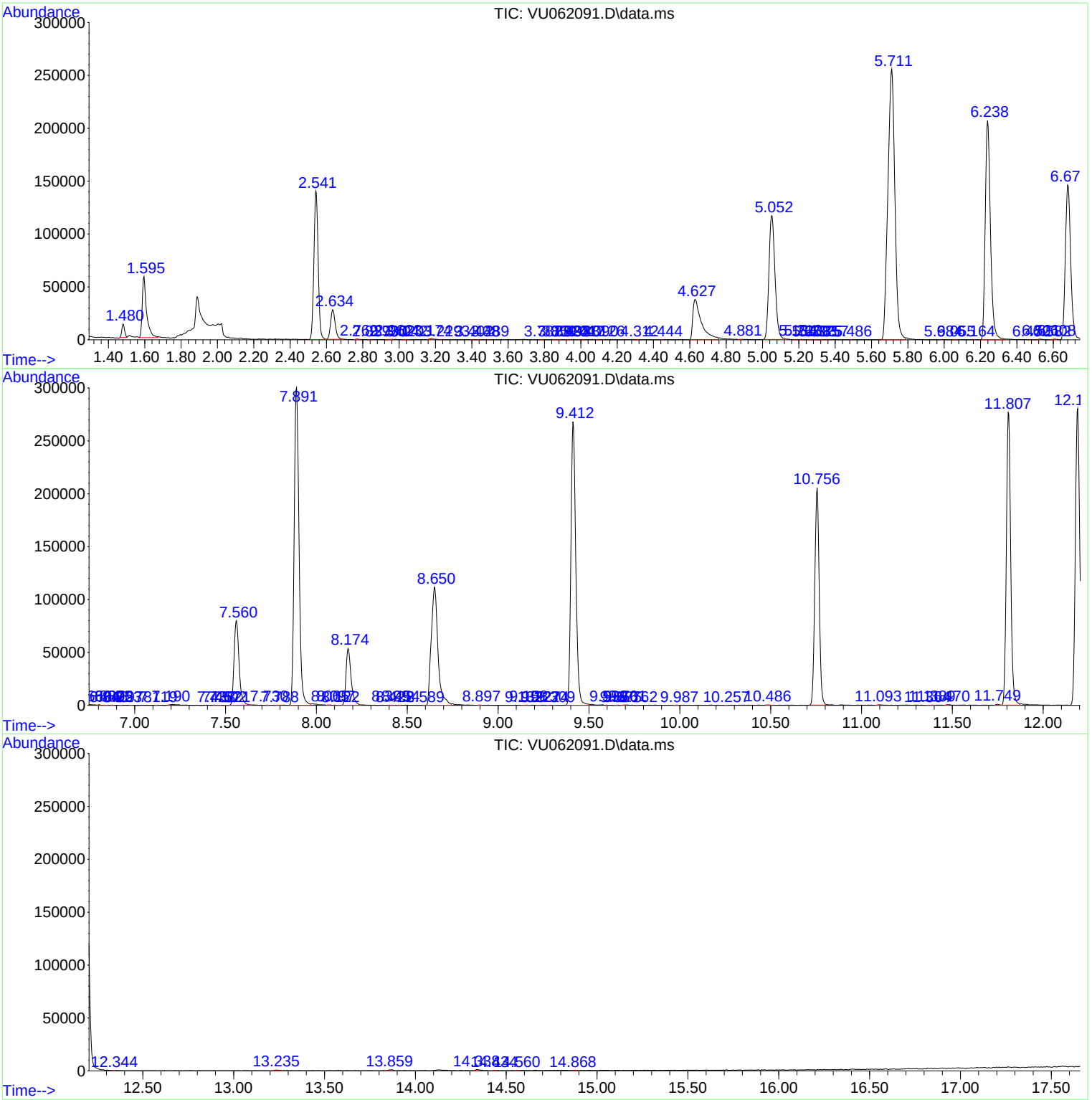
Instrument :
MSVOA_U
ClientSampleId :
VBLK111

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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ClientSampleId :
VBLK111

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
Quant Title : VOC Analysis

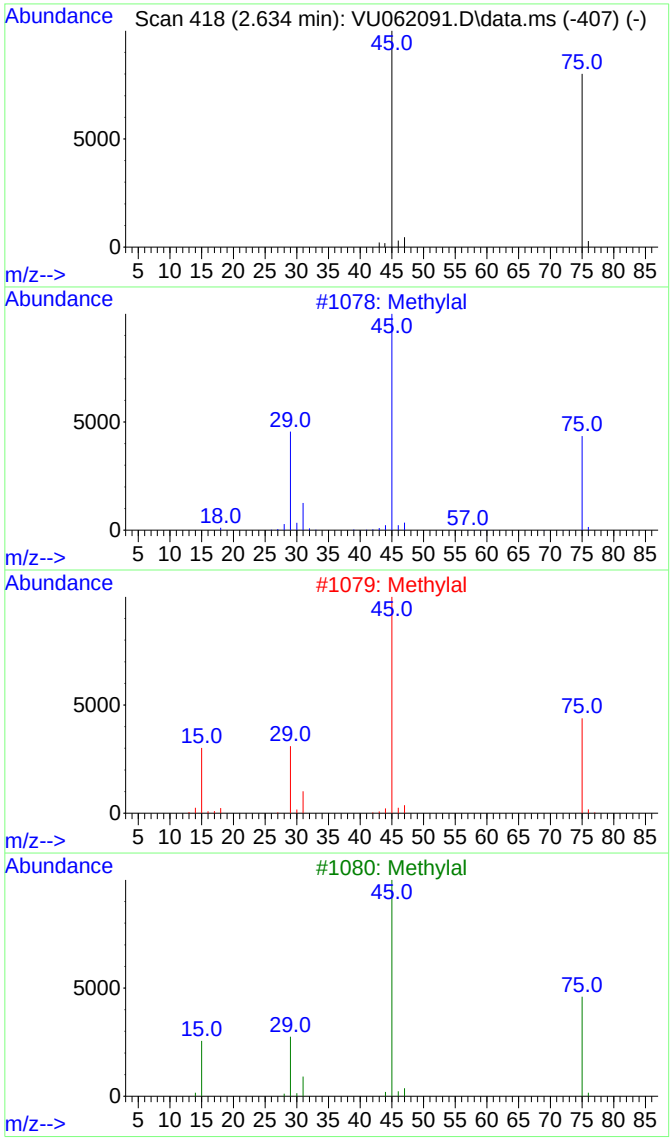
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

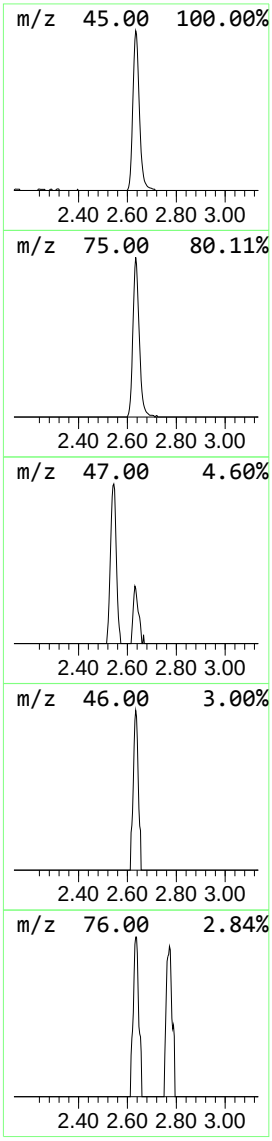
****

Peak Number 1 Methylal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.634	6.04 ug/L	49963	1,4-Difluorobenzene	6.238

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylal	76	C3H8O2	000109-87-5	90
2	Methylal	76	C3H8O2	000109-87-5	83
3	Methylal	76	C3H8O2	000109-87-5	83
4	Methylal	76	C3H8O2	000109-87-5	9
5	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	4





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120524\
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Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methylal	2.634	6.0	ug/L	49963	1	6.238	413492	50.0