LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072623\
Data File : VV031760.D
Acq On : 26 Jul 2023 11:41
Operator : SY/MD
Sample : 03754-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Z4

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_V\Method\SFAMVLM072523WMA.M
Title : VOC Analysis

Signal : TIC: VV031760.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.278	66	74	88	rVB	242695	268871	15.64%	2.147%
2	1.532	146	153	172	rVB	225946	273502	15.91%	2.184%
3	2.060	307	317	328	rBV	414117	599823	34.89%	4.789%
4	2.114	330	334	347	rVB	40038	58739	3.42%	0.469%
5	2.452	437	439	444	rVB4	2253	1715	0.10%	0.014%
6	2.568	467	475	476	rBV7	11708	12622	0.73%	0.101%
7	2.655	498	502	505	rBV6	1233	1147	0.07%	0.009%
8	2.796	543	546	553	rVB7	1995	2211	0.13%	0.018%
9	2.835	553	558	560	rBV5	1999	1783	0.10%	0.014%
10	2.844	560	561	570	rVB6	1523	1547	0.09%	0.012%
11	2.883	570	573	577	rBV4	1508	1499	0.09%	0.012%
12	3.298	695	702	704	rBV6	1712	1795	0.10%	0.014%
13	3.664	813	816	819	rBV4	1801	1191	0.07%	0.010%
14	3.719	828	833	837	rBV6	2874	2123	0.12%	0.017%
15	3.790	843	855	886	rBV	139794	422612	24.58%	3.374%
16	4.256	981	1000	1025	rBV	297835	793733	46.17%	6.337%
17	4.535	1083	1087	1090	rVV5	1310	1170	0.07%	0.009%
18	4.629	1114	1116	1121	rBV6	1660	1484	0.09%	0.012%
19	4.674	1126	1130	1133	rVB6	1789	1385	0.08%	0.011%
20	4.699	1133	1138	1141	rBV7	1362	1572	0.09%	0.013%
21	4.754	1153	1155	1162	rVB7	1698	1661	0.10%	0.013%
22	4.883	1192	1195	1200	rVB6	1655	1589	0.09%	0.013%
23	4.960	1200	1219	1247	rBV2	629843	1719257	100.00%	13.727%
24	5.262	1309	1313	1317	rBV7	1902	1720	0.10%	0.014%
25	5.539	1386	1399	1422	rBV	338060	720575	41.91%	5.753%
26	5.828	1478	1489	1512	rVV	75726	161491	9.39%	1.289%
27	5.918	1515	1517	1522	rBV6	1871	1449	0.08%	0.012%
28	5.995	1528	1541	1558	rBV	408747	831339	48.35%	6.638%
29	6.506	1695	1700	1702	rBV4	6831	6602	0.38%	0.053%
30	6.670	1747	1751	1753	rBV4	1607	1114	0.06%	0.009%
31	6.687	1753	1756	1758	rBV3	1647	1079	0.06%	0.009%
32	6.918	1817	1828	1853	rBV2	174811	334514	19.46%	2.671%
33	7.178	1904	1909	1914	rBV8	3898	3806	0.22%	0.030%
34	7.249	1919	1931	1954	rBV	597575	1076230	62.60%	8.593%
35	7.503	2007	2010	2015	rVB5	1840	1319	0.08%	0.011%
36	7.558	2016	2027	2052	rVV2	133805	248626	14.46%	1.985%

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ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BH2Z4

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_V\Method\SFAMVLM072523WMA.M
Title : VOC Analysis

37	7.834	2106	2113	2117	rVB9	2428	2900	0.17%	0.023%
38	7.867	2117	2123	2124	rBV6	4024	2805	0.16%	0.022%
39	7.902	2132	2134	2140	rVB6	2168	1774	0.10%	0.014%
40	8.031	2163	2174	2212	rBV2	421741	911227	53.00%	7.276%
41	8.365	2273	2278	2282	rBV6	1741	1741	0.10%	0.014%
42	8.789	2397	2410	2434	rBV	568942	953376	55.45%	7.612%
43	9.088	2501	2503	2507	rBV4	1380	1132	0.07%	0.009%
44	9.227	2542	2546	2547	rBV4	1874	1228	0.07%	0.010%
45	9.301	2564	2569	2571	rBV6	1551	1107	0.06%	0.009%
46	9.394	2596	2598	2603	rVB6	1954	1117	0.06%	0.009%
47	9.493	2625	2629	2630	rBV4	2181	1908	0.11%	0.015%
48	9.503	2630	2632	2636	rVB6	2565	1448	0.08%	0.012%
49	9.587	2654	2658	2661	rBV4	1370	1334	0.08%	0.011%
50	9.709	2695	2696	2699	rVV3	1932	1169	0.07%	0.009%
51	9.725	2699	2701	2705	rVV5	2352	1858	0.11%	0.015%
52	9.805	2719	2726	2727	rBV6	1524	1214	0.07%	0.010%
53	10.024	2790	2794	2798	rVB7	1807	1745	0.10%	0.014%
54	10.095	2812	2816	2819	rVB5	1765	1198	0.07%	0.010%
55	10.114	2819	2822	2823	rBV3	1835	1012	0.06%	0.008%
56	10.159	2824	2836	2859	rVV	487526	792315	46.08%	6.326%
57	10.288	2873	2876	2879	rBV4	1113	1013	0.06%	0.008%
58	10.329	2883	2889	2899	rVB6	6249	9577	0.56%	0.076%
59	10.500	2939	2942	2947	rVB5	2430	1918	0.11%	0.015%
60	10.564	2958	2962	2964	rBV5	2530	1767	0.10%	0.014%
61	10.606	2972	2975	2978	rBV4	2031	1194	0.07%	0.010%
62	10.722	3008	3011	3014	rVV4	1435	1021	0.06%	0.008%
63	10.792	3028	3033	3036	rBV7	1607	1431	0.08%	0.011%
64	10.828	3041	3044	3048	rBV4	1409	1423	0.08%	0.011%
65	10.854	3048	3052	3054	rBV4	1528	1255	0.07%	0.010%
66	10.985	3088	3093	3094	rBV4	1953	1653	0.10%	0.013%
67	10.998	3094	3097	3098	rBV4	2133	1232	0.07%	0.010%
68	11.133	3131	3139	3145	rVV8	12769	18913	1.10%	0.151%
69	11.191	3146	3157	3176	rVB	560761	861627	50.12%	6.880%
70	11.445	3233	3236	3239	rBV4	1696	1207	0.07%	0.010%
71	11.493	3241	3251	3261	rBV5	15417	34221	1.99%	0.273%
72	11.564	3263	3273	3293	rVB	739218	1151806	66.99%	9.196%
73	11.947	3383	3392	3403	rBV	33971	56524	3.29%	0.451%
74	12.194	3463	3469	3470	rBV5	3208	3040	0.18%	0.024%
75	12.252	3480	3487	3501	rVB9	18947	30022	1.75%	0.240%
76	12.368	3519	3523	3525	rVB3	1712	1030	0.06%	0.008%

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Integration Parameters: LSCINT.P
Integrator: RTE
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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_V\Method\SFAMVLM072523WMA.M
Title : VOC Analysis

77	12.535	3568	3575	3579	rVB10	1773	2539	0.15%	0.020%
78	12.657	3610	3613	3616	rBV4	1346	1002	0.06%	0.008%
79	12.776	3647	3650	3654	rVB5	2358	1629	0.09%	0.013%
80	12.812	3659	3661	3665	rVV4	1841	1500	0.09%	0.012%
81	12.831	3665	3667	3671	rVB6	2833	1644	0.10%	0.013%
82	12.870	3671	3679	3682	rBV6	1772	2407	0.14%	0.019%
83	12.927	3693	3697	3699	rBV4	2065	1728	0.10%	0.014%
84	12.960	3704	3707	3710	rVB5	1938	1150	0.07%	0.009%
85	13.082	3743	3745	3749	rBV5	1160	1060	0.06%	0.008%
86	13.284	3804	3808	3810	rBV6	1396	1281	0.07%	0.010%
87	13.333	3821	3823	3827	rBV4	1811	1707	0.10%	0.014%
88	13.873	3982	3991	4001	rBV	40143	60473	3.52%	0.483%
89	13.972	4019	4022	4023	rBV3	2215	1137	0.07%	0.009%
90	14.062	4047	4050	4055	rVB6	2583	1911	0.11%	0.015%
91	14.111	4060	4065	4066	rBV5	1496	1385	0.08%	0.011%
92	14.294	4120	4122	4127	rVB5	1546	1277	0.07%	0.010%
93	14.336	4131	4135	4137	rBV5	1620	1285	0.07%	0.010%
94	14.506	4184	4188	4191	rBV7	2018	1677	0.10%	0.013%
95	14.802	4278	4280	4285	rVB5	1764	1401	0.08%	0.011%
96	14.860	4296	4298	4300	rBV3	1676	1031	0.06%	0.008%
97	14.988	4334	4338	4340	rBV4	1684	1460	0.08%	0.012%
98	15.056	4356	4359	4364	rBV8	2334	2112	0.12%	0.017%
99	15.136	4382	4384	4390	rBV6	1368	1194	0.07%	0.010%
100	15.792	4585	4588	4591	rBV5	2391	2102	0.12%	0.017%

Sum of corrected areas: 12524469

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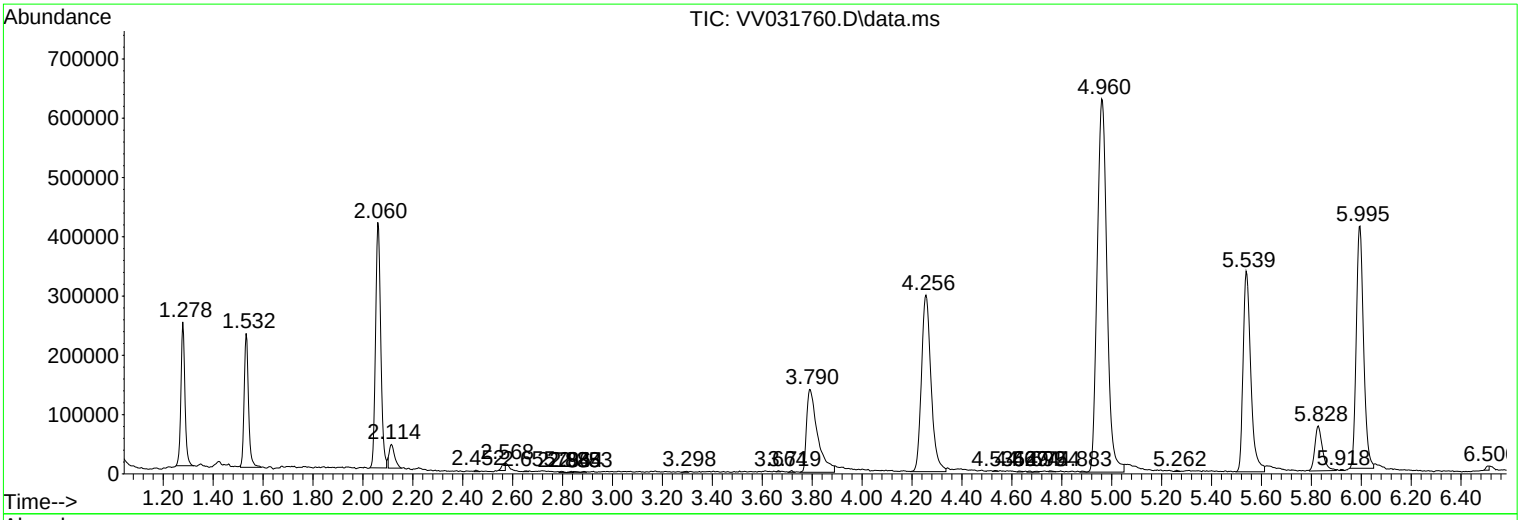
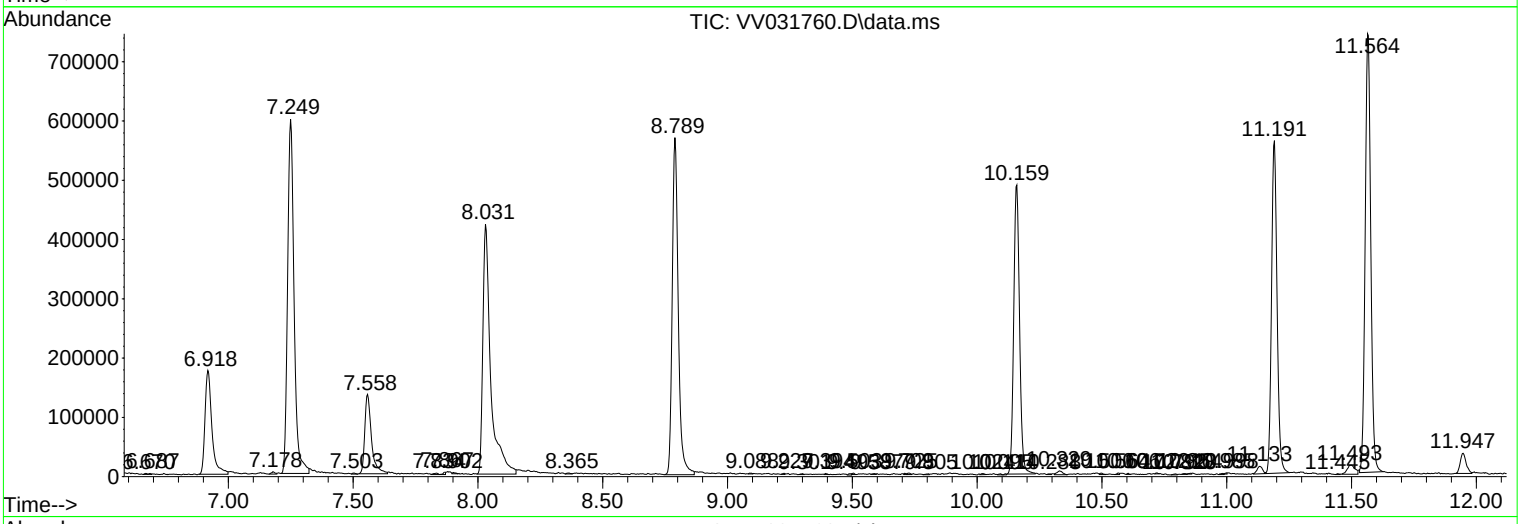
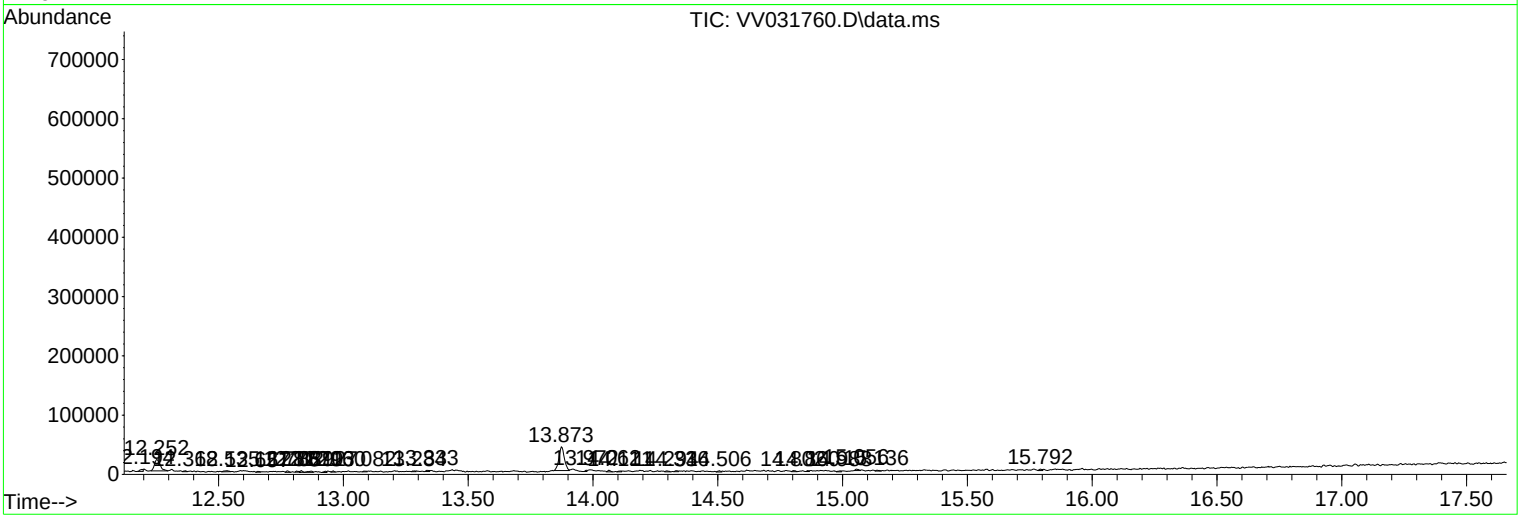
Instrument :
MSVOA_V
ClientSampleId :
BH2Z4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

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







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Instrument :
MSVOA_V
ClientSampleId :
BH2Z4

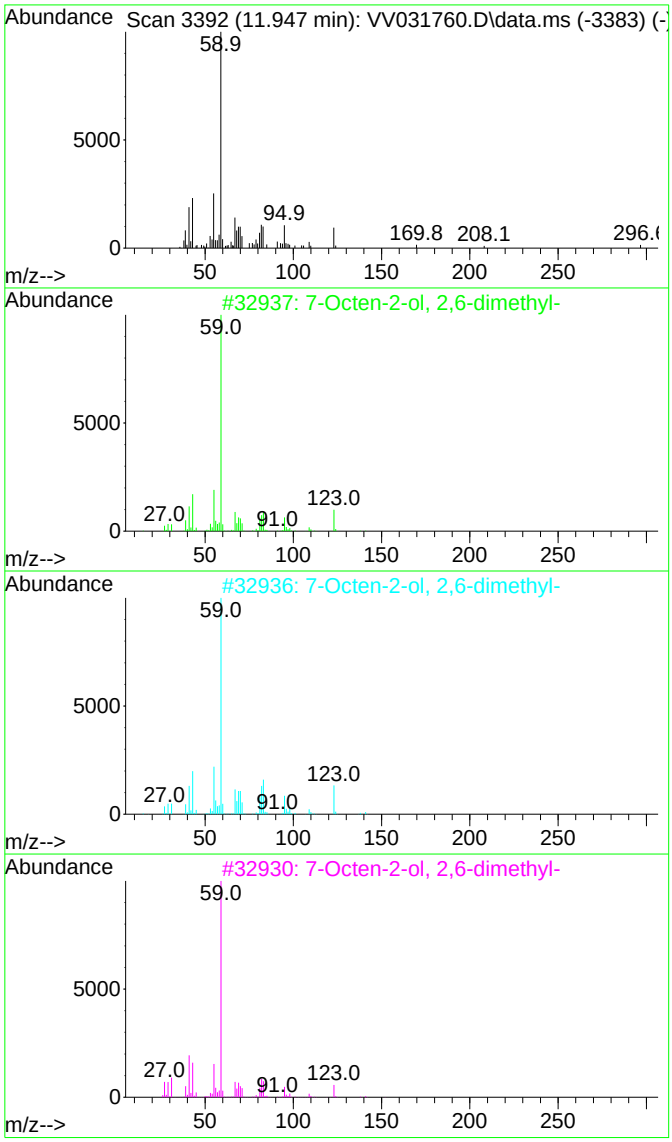
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

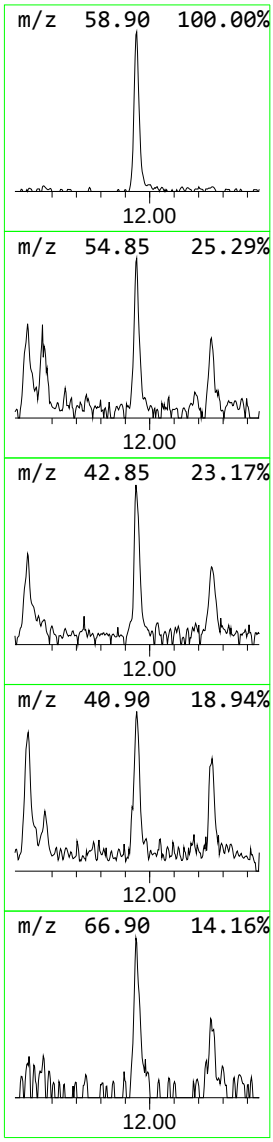
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.947	3.28 ug/L	56524	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	86
2	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	78
3	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	78
4	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	78
5	3-(2-Hydroxy-2-methyl-propyl)-cy...	168	C10H16O2	1000185-60-2	53





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ClientSampleId :
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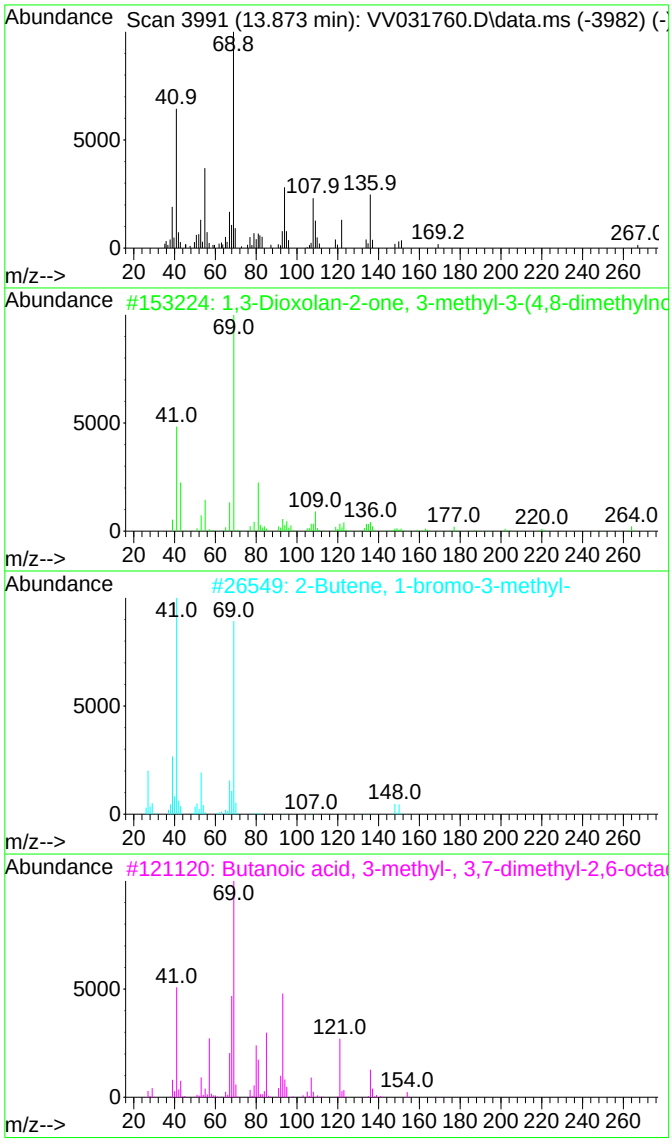
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

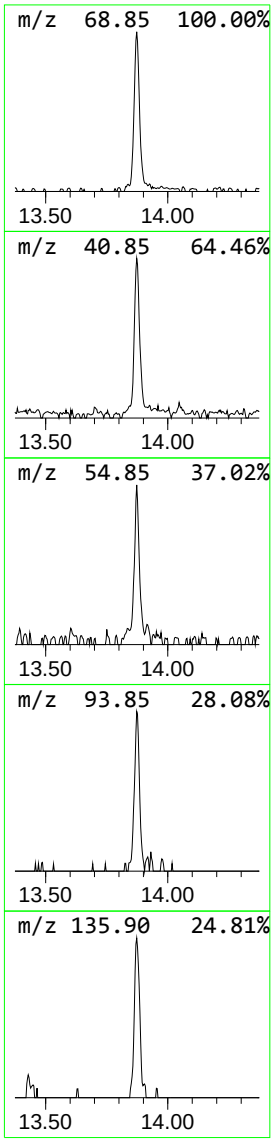
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	3.51 ug/L	60473	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolan-2-one, 3-methyl-3-(...	264	C16H24O3	336879-76-6	47
2	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	38
3	Butanoic acid, 3-methyl-, 3,7-di...	238	C15H26O2	003915-83-1	38
4	Cyclopropanecarboxaldehyde, 2-me...	166	C11H18O	097231-35-1	38
5	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	35





Tentatively Identified Compound (LSC) summary

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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
7-Octen-2-ol, 2...	11.947	3.3	ug/L	56524	3	11.191	861627	50.0
unknown-01	13.873	3.5	ug/L	60473	3	11.191	861627	50.0