LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072623\
Data File : VV031759.D
Acq On : 26 Jul 2023 11:18
Operator : SY/MD
Sample : 03754-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BH2Y3

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: VV031759.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	65	74	91	rBV	239977	273989	16.60%	2.258%
2	1.532	145	153	169	rVB	215818	260679	15.79%	2.148%
3	2.060	307	317	328	rBV	397662	580963	35.20%	4.787%
4	2.114	329	334	349	rVB	40272	65106	3.94%	0.536%
5	2.568	466	475	489	rVB2	15230	29173	1.77%	0.240%
6	2.764	534	536	542	rVB6	1678	1185	0.07%	0.010%
7	2.818	548	553	558	rVB7	1486	1558	0.09%	0.013%
8	3.124	646	648	653	rVB6	1921	1180	0.07%	0.010%
9	3.172	659	663	667	rBV4	1982	1386	0.08%	0.011%
10	3.217	676	677	681	rVB4	2118	1113	0.07%	0.009%
11	3.278	692	696	703	rVB7	1717	2416	0.15%	0.020%
12	3.314	703	707	709	rBV4	1811	1257	0.08%	0.010%
13	3.359	718	721	723	rVV3	2141	1210	0.07%	0.010%
14	3.474	755	757	761	rVB5	2364	1342	0.08%	0.011%
15	3.664	814	816	821	rVB6	2144	1698	0.10%	0.014%
16	3.725	833	835	842	rVB7	1439	1083	0.07%	0.009%
17	3.789	845	855	884	rBV	137414	392431	23.78%	3.233%
18	4.252	983	999	1026	rBV	296190	775701	47.00%	6.391%
19	4.616	1109	1112	1117	rBV8	1605	1294	0.08%	0.011%
20	4.641	1117	1120	1125	rVB8	1397	930	0.06%	0.008%
21	4.667	1125	1128	1132	rBV6	1186	908	0.06%	0.007%
22	4.780	1160	1163	1166	rBV4	1738	1124	0.07%	0.009%
23	4.818	1170	1175	1178	rVB6	2103	1715	0.10%	0.014%
24	4.867	1187	1190	1195	rBV6	1592	1134	0.07%	0.009%
25	4.960	1202	1219	1244	rBV2	613881	1650399	100.00%	13.598%
26	5.426	1360	1364	1369	rVB7	1603	1366	0.08%	0.011%
27	5.477	1376	1380	1382	rVB4	1781	1116	0.07%	0.009%
28	5.539	1386	1399	1423	rBV	302274	649309	39.34%	5.350%
29	5.764	1467	1469	1472	rVB4	1900	1036	0.06%	0.009%
30	5.828	1472	1489	1508	rBV	55576	123785	7.50%	1.020%
31	5.992	1528	1540	1561	rBV	398177	819434	49.65%	6.752%
32	6.510	1693	1701	1710	rVV5	8577	16148	0.98%	0.133%
33	6.551	1712	1714	1717	rBV3	2121	1348	0.08%	0.011%
34	6.619	1732	1735	1738	rVB4	1460	975	0.06%	0.008%
35	6.796	1788	1790	1793	rVB4	1892	937	0.06%	0.008%
36	6.918	1817	1828	1854	rBV	173603	343435	20.81%	2.830%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BH2Y3

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

37	7.056	1867	1871	1874	rBV6	1716	1375	0.08%	0.011%
38	7.140	1894	1897	1900	rBV5	1915	1527	0.09%	0.013%
39	7.178	1906	1909	1915	rVB7	2868	2635	0.16%	0.022%
40	7.249	1919	1931	1959	rBV	584257	1064043	64.47%	8.767%
41	7.461	1995	1997	2002	rBV6	1610	1090	0.07%	0.009%
42	7.558	2016	2027	2049	rBV	131022	246951	14.96%	2.035%
43	7.879	2122	2127	2128	rBV5	3719	2991	0.18%	0.025%
44	7.969	2152	2155	2160	rBV7	1443	1393	0.08%	0.011%
45	8.030	2163	2174	2208	rBV2	416978	886610	53.72%	7.305%
46	8.567	2339	2341	2345	rVB3	2128	1015	0.06%	0.008%
47	8.718	2383	2388	2390	rBV5	1838	1343	0.08%	0.011%
48	8.789	2399	2410	2431	rBV	517960	870449	52.74%	7.172%
49	9.085	2500	2502	2508	rVB6	2266	1599	0.10%	0.013%
50	9.127	2513	2515	2520	rBV6	1697	1037	0.06%	0.009%
51	9.172	2524	2529	2531	rBV5	1581	1143	0.07%	0.009%
52	9.217	2540	2543	2548	rVB8	1757	1462	0.09%	0.012%
53	9.246	2548	2552	2557	rVB7	1384	1479	0.09%	0.012%
54	9.355	2580	2586	2589	rVB7	2575	2452	0.15%	0.020%
55	9.378	2589	2593	2595	rBV5	1790	1438	0.09%	0.012%
56	9.651	2675	2678	2681	rBV5	1660	1371	0.08%	0.011%
57	9.718	2696	2699	2701	rBV3	1496	1025	0.06%	0.008%
58	9.767	2711	2714	2719	rVV5	955	972	0.06%	0.008%
59	9.895	2751	2754	2759	rVB7	1804	1473	0.09%	0.012%
60	10.066	2804	2807	2811	rBV5	1311	1027	0.06%	0.008%
61	10.156	2818	2835	2858	rBV	524792	849893	51.50%	7.003%
62	10.329	2882	2889	2899	rVB10	6456	9975	0.60%	0.082%
63	10.558	2954	2960	2962	rBV5	2278	2420	0.15%	0.020%
64	10.722	3005	3011	3012	rBV5	2331	2060	0.12%	0.017%
65	10.770	3021	3026	3029	rBV6	2349	1996	0.12%	0.016%
66	10.802	3034	3036	3038	rBV3	1850	1012	0.06%	0.008%
67	10.837	3042	3047	3049	rBV4	1518	1453	0.09%	0.012%
68	10.998	3092	3097	3100	rBV6	2115	2466	0.15%	0.020%
69	11.133	3128	3139	3147	rBV10	14712	24533	1.49%	0.202%
70	11.191	3147	3157	3179	rVB	500198	792696	48.03%	6.531%
71	11.288	3184	3187	3188	rBV2	2524	1388	0.08%	0.011%
72	11.497	3238	3252	3262	rBV5	16147	35222	2.13%	0.290%
73	11.567	3263	3274	3290	rVB	722316	1112443	67.40%	9.166%
74	11.841	3354	3359	3360	rBV5	2570	2106	0.13%	0.017%
75	11.947	3382	3392	3407	rBV2	34720	59107	3.58%	0.487%
76	12.194	3464	3469	3478	rVB10	5168	7885	0.48%	0.065%

LSC Area Percent Report

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MSVOA_V
ClientSampleId :
BH2Y3

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

77	12.252	3478	3487	3498	rBV8	20433	34479	2.09%	0.284%
78	12.406	3531	3535	3539	rBV5	2618	2703	0.16%	0.022%
79	12.628	3601	3604	3606	rBV4	1578	941	0.06%	0.008%
80	12.857	3671	3675	3677	rBV5	1986	1133	0.07%	0.009%
81	13.050	3732	3735	3741	rVB7	1925	1988	0.12%	0.016%
82	13.181	3771	3776	3780	rBV7	1974	2375	0.14%	0.020%
83	13.204	3780	3783	3788	rVV7	3266	3479	0.21%	0.029%
84	13.419	3844	3850	3853	rBV5	3293	3771	0.23%	0.031%
85	13.593	3902	3904	3909	rBV5	2009	1615	0.10%	0.013%
86	13.638	3915	3918	3921	rBV5	1537	1235	0.07%	0.010%
87	13.840	3975	3981	3982	rBV6	2481	2181	0.13%	0.018%
88	13.873	3983	3991	4004	rVV2	33463	50260	3.05%	0.414%
89	14.213	4095	4097	4103	rVB6	1775	1398	0.08%	0.012%
90	14.342	4134	4137	4138	rBV2	1939	1165	0.07%	0.010%
91	14.403	4152	4156	4157	rBV4	1929	1348	0.08%	0.011%
92	14.471	4174	4177	4179	rBV4	1555	958	0.06%	0.008%
93	14.885	4302	4306	4307	rBV3	1678	1335	0.08%	0.011%
94	15.011	4343	4345	4346	rBV2	1993	912	0.06%	0.008%
95	15.053	4356	4358	4360	rBV3	1967	1220	0.07%	0.010%
96	15.123	4376	4380	4383	rBV5	1318	1097	0.07%	0.009%
97	15.274	4425	4427	4430	rBV3	1989	1245	0.08%	0.010%
98	15.332	4443	4445	4449	rBV4	1635	1389	0.08%	0.011%
99	15.641	4538	4541	4545	rBV5	2154	1681	0.10%	0.014%
100	16.291	4740	4743	4745	rBV4	3418	2437	0.15%	0.020%

Sum of corrected areas: 12136763

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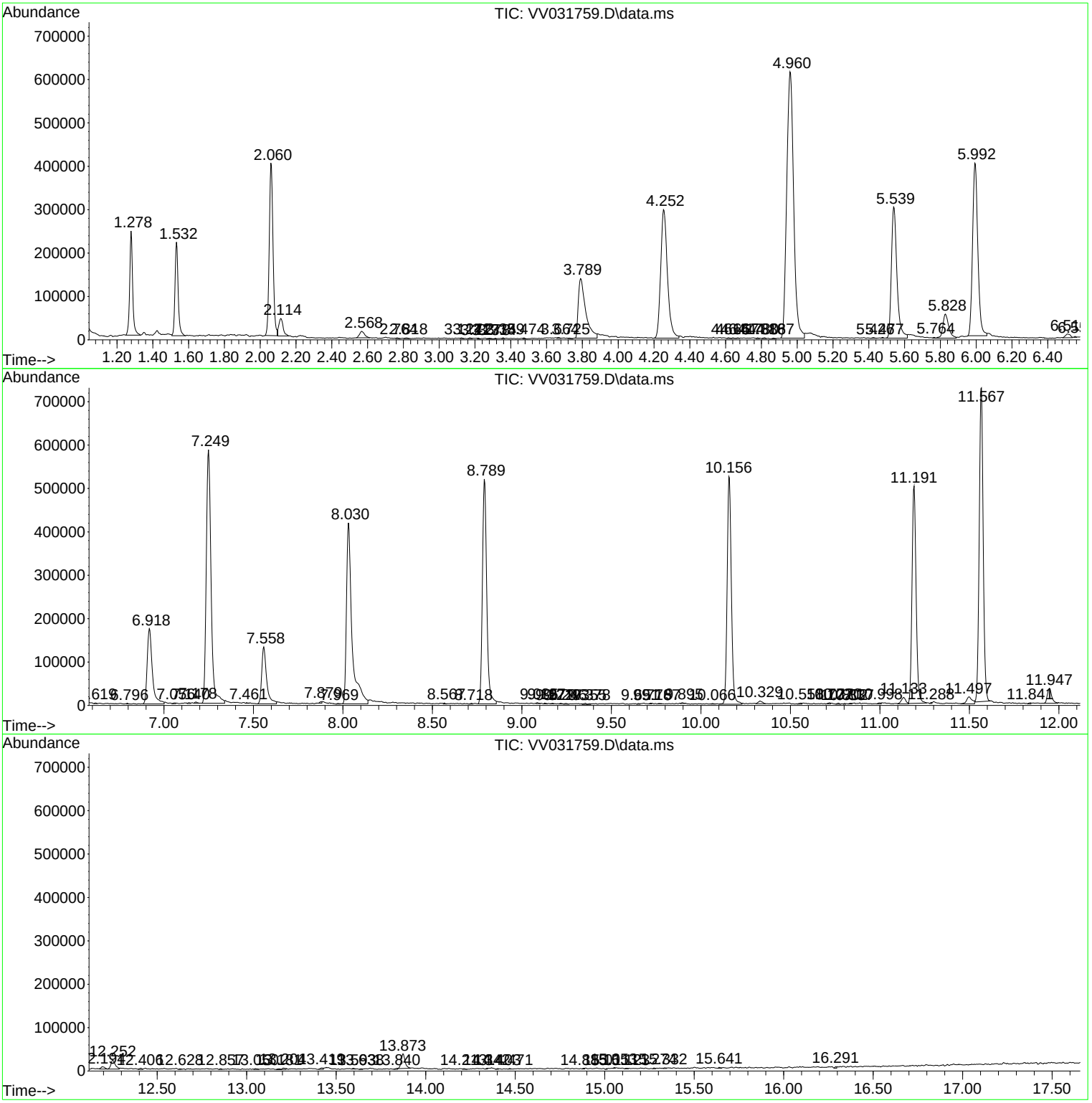
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y3

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 :
BH2Y3

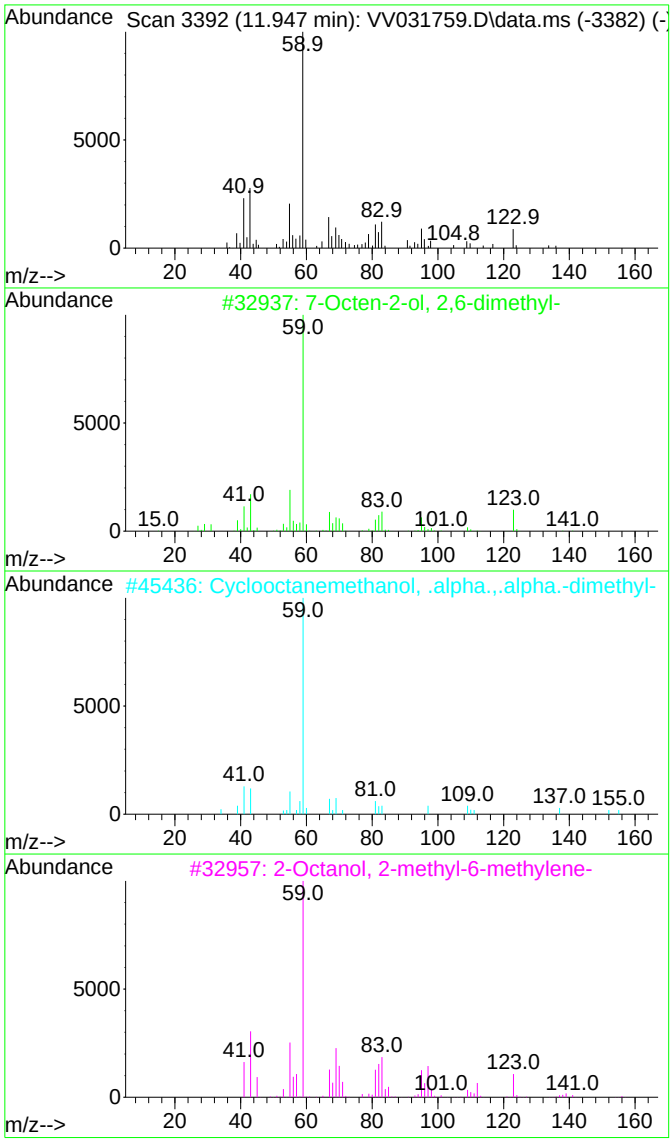
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

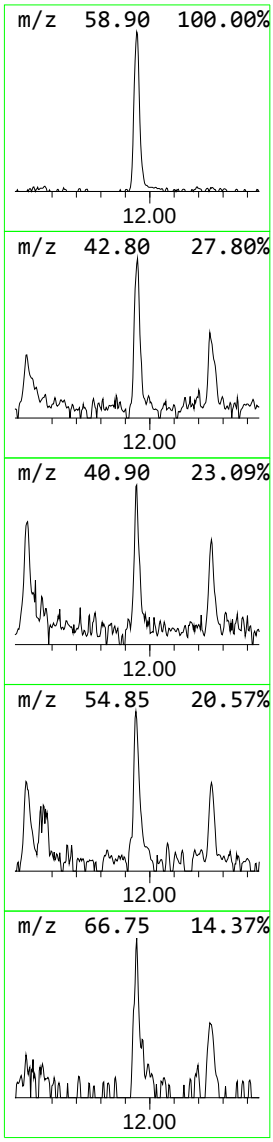
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.947	3.73 ug/L	59107	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	83
2	Cyclooctanemethanol, .alpha.,.al...	170	C11H22O	016624-06-9	72
3	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	72
4	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	72
5	Cyclohexanemethanol, .alpha.,.al...	156	C10H20O	000498-81-7	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072623\
Data File : VV031759.D
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH2Y3

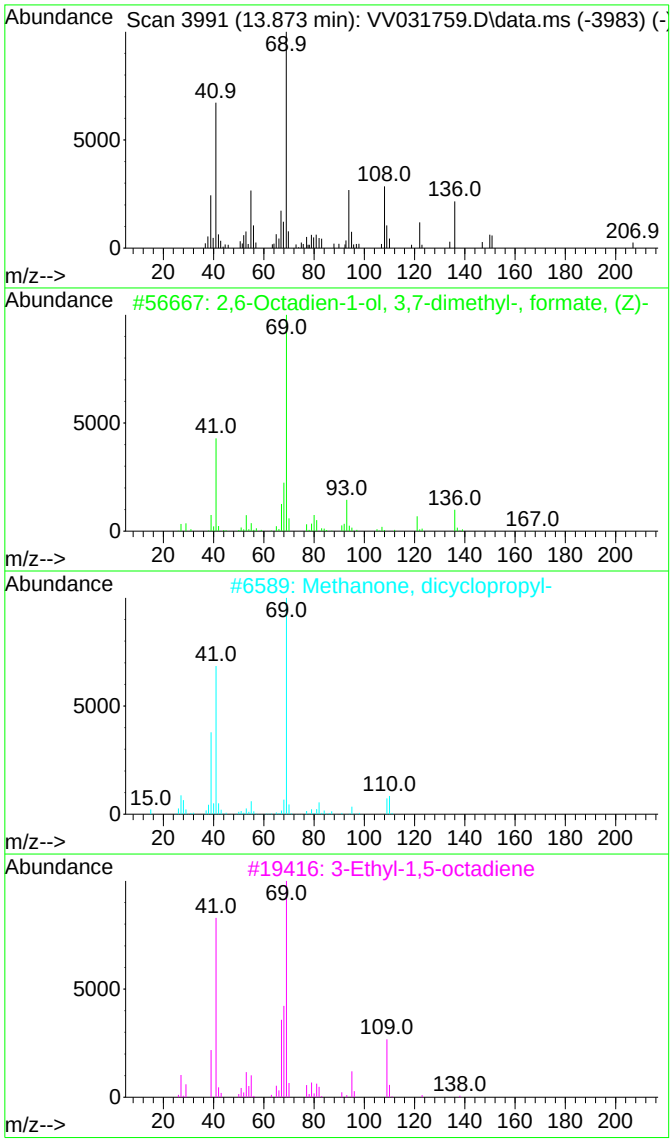
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072523WMA.M
Quant Title : VOC Analysis

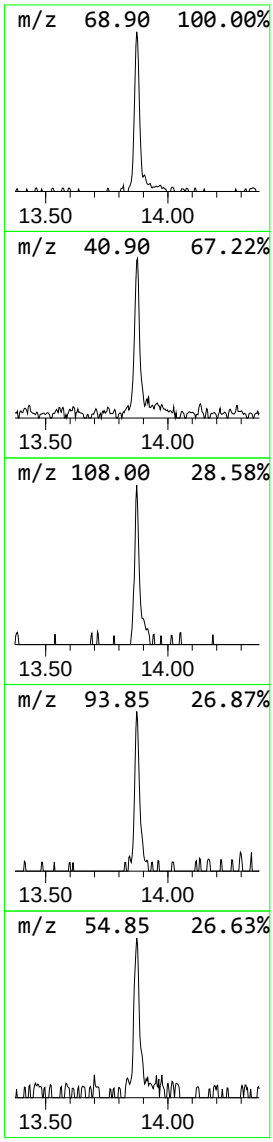
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.873	3.17 ug/L	50260	1,4-Dichlorobenzene-d4	11.191

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Octadien-1-ol, 3,7-dimethyl-...	182	C11H18O2	002142-94-1	43
2	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	43
3	3-Ethyl-1,5-octadiene	138	C10H18	1000114-87-7	37
4	1,7-Octadien-3-one, 2-methyl-6-m...	150	C10H14O	041702-60-7	37
5	Geranyl formate	182	C11H18O2	000105-86-2	37





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
7-Octen-2-ol, 2...	11.947	3.7	ug/L	59107	3	11.191	792696	50.0
unknown-01	13.873	3.2	ug/L	50260	3	11.191	792696	50.0