LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
Data File : VV027173.D
Acq On : 02 Aug 2022 16:08
Operator : SY/MD
Sample : N4003-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F5E50

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\SFAMVLM080122WMA.M
Title : VOC Analysis

Signal : TIC: VV027173.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.304	75	82	99	rBV	288620	311837	15.08%	1.849%
2	1.561	155	162	178	rVB	238650	269008	13.01%	1.595%
3	2.102	321	330	345	rBV	506943	713696	34.52%	4.231%
4	2.503	445	455	468	rVB3	23530	39268	1.90%	0.233%
5	3.034	618	620	621	rBV	328	120	0.01%	0.001%
6	3.060	626	628	630	rBV	221	121	0.01%	0.001%
7	3.089	635	637	640	rBV2	266	158	0.01%	0.001%
8	3.185	665	667	671	rVB	260	128	0.01%	0.001%
9	3.298	698	702	707	rBV2	587	497	0.02%	0.003%
10	3.359	717	721	728	rBV2	235	275	0.01%	0.002%
11	3.413	735	738	740	rBV	257	147	0.01%	0.001%
12	3.462	747	753	756	rBV2	435	431	0.02%	0.003%
13	3.497	761	764	768	rBV2	364	255	0.01%	0.002%
14	3.622	799	803	805	rBV3	315	248	0.01%	0.001%
15	3.674	816	819	821	rBV3	145	118	0.01%	0.001%
16	3.728	834	836	838	rBV2	274	169	0.01%	0.001%
17	3.786	852	854	858	rVB2	237	154	0.01%	0.001%
18	3.802	858	859	860	rBV	466	110	0.01%	0.001%
19	3.812	860	862	864	rBV	251	145	0.01%	0.001%
20	3.876	873	882	915	rBV	162369	462839	22.38%	2.744%
21	4.343	1013	1027	1069	rVB	335196	839082	40.58%	4.975%
22	4.700	1135	1138	1141	rVB2	509	272	0.01%	0.002%
23	4.722	1141	1145	1148	rBV3	491	453	0.02%	0.003%
24	4.802	1166	1170	1172	rBV	284	231	0.01%	0.001%
25	4.835	1177	1180	1185	rVB3	518	357	0.02%	0.002%
26	4.883	1192	1195	1201	rBV3	284	263	0.01%	0.002%
27	4.909	1201	1203	1207	rVB2	563	361	0.02%	0.002%
28	4.944	1207	1214	1216	rBV2	440	463	0.02%	0.003%
29	4.982	1223	1226	1228	rBV2	371	255	0.01%	0.002%
30	5.040	1228	1244	1293	rVV2	777792	2067768	100.00%	12.259%
31	5.458	1371	1374	1375	rBV	358	203	0.01%	0.001%
32	5.494	1380	1385	1388	rBV3	367	353	0.02%	0.002%
33	5.613	1410	1422	1465	rBV	607049	1280248	61.91%	7.590%
34	5.908	1505	1514	1530	rBV4	12662	25282	1.22%	0.150%
35	5.989	1537	1539	1542	rVB3	625	245	0.01%	0.001%
36	6.066	1548	1563	1591	rBV	448876	946254	45.76%	5.610%

LSC Area Percent Report

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Sample : N4003-03
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E50

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\SFAMVLM080122WMA.M
Title : VOC Analysis

37	6.310	1636	1639	1641	rBV3	814	604	0.03%	0.004%
38	6.384	1660	1662	1667	rBV3	311	206	0.01%	0.001%
39	6.462	1682	1686	1689	rBV3	565	515	0.02%	0.003%
40	6.529	1705	1707	1708	rBV3	492	202	0.01%	0.001%
41	6.580	1721	1723	1725	rBV2	399	190	0.01%	0.001%
42	6.629	1735	1738	1740	rBV2	385	174	0.01%	0.001%
43	6.642	1740	1742	1746	rVB2	242	128	0.01%	0.001%
44	6.687	1751	1756	1760	rBV3	392	361	0.02%	0.002%
45	6.722	1765	1767	1768	rBV3	227	78	0.00%	0.000%
46	6.854	1806	1808	1809	rBV3	215	102	0.00%	0.001%
47	6.876	1814	1815	1817	rVB	439	109	0.01%	0.001%
48	6.886	1817	1818	1819	rBV	130	38	0.00%	0.000%
49	6.921	1827	1829	1832	rVB2	243	107	0.01%	0.001%
50	6.986	1838	1849	1872	rBV	214048	408918	19.78%	2.424%
51	7.314	1939	1951	1976	rBV	840537	1523513	73.68%	9.032%
52	7.619	2036	2046	2074	rBV	153469	285702	13.82%	1.694%
53	7.883	2126	2128	2130	rBV2	294	158	0.01%	0.001%
54	7.982	2153	2159	2164	rBV5	1331	1794	0.09%	0.011%
55	8.088	2182	2192	2232	rBV	556000	1080447	52.25%	6.405%
56	8.539	2330	2332	2333	rBV	310	115	0.01%	0.001%
57	8.577	2341	2344	2345	rBV3	621	330	0.02%	0.002%
58	8.722	2387	2389	2393	rBV3	340	279	0.01%	0.002%
59	8.770	2400	2404	2406	rBV3	458	359	0.02%	0.002%
60	8.850	2417	2429	2458	rBV	939605	1560402	75.46%	9.251%
61	9.204	2537	2539	2540	rBV	327	96	0.00%	0.001%
62	9.249	2549	2553	2555	rVB3	587	355	0.02%	0.002%
63	9.259	2555	2556	2559	rVB2	447	144	0.01%	0.001%
64	9.278	2559	2562	2565	rBV	627	332	0.02%	0.002%
65	9.313	2569	2573	2574	rBV2	516	351	0.02%	0.002%
66	9.410	2600	2603	2605	rBV	272	124	0.01%	0.001%
67	9.429	2605	2609	2612	rBV	428	401	0.02%	0.002%
68	9.564	2642	2651	2660	rBV3	8827	16479	0.80%	0.098%
69	9.825	2724	2732	2746	rVB6	1825	3530	0.17%	0.021%
70	9.940	2764	2768	2773	rVB	832	703	0.03%	0.004%
71	9.969	2773	2777	2779	rBV	284	227	0.01%	0.001%
72	10.040	2797	2799	2801	rVV	314	147	0.01%	0.001%
73	10.056	2801	2804	2807	rVB2	289	194	0.01%	0.001%
74	10.137	2825	2829	2832	rBV2	521	470	0.02%	0.003%
75	10.214	2840	2853	2879	rBV	730545	1135659	54.92%	6.733%
76	10.432	2919	2921	2923	rBV	414	200	0.01%	0.001%

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Sample : N4003-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E50

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\SFAMVLM080122WMA.M
Title : VOC Analysis

77	10.471	2930	2933	2938	rVB4	531	443	0.02%	0.003%
78	10.513	2942	2946	2948	rBV3	380	297	0.01%	0.002%
79	10.577	2964	2966	2970	rBV2	403	350	0.02%	0.002%
80	10.622	2972	2980	2992	rVV2	29903	44125	2.13%	0.262%
81	10.850	3044	3051	3057	rBV7	3434	5256	0.25%	0.031%
82	10.895	3058	3065	3074	rVV	9680	14158	0.68%	0.084%
83	11.056	3106	3115	3132	rVB5	18346	30643	1.48%	0.182%
84	11.188	3141	3156	3164	rBV4	70400	118767	5.74%	0.704%
85	11.246	3164	3174	3195	rVV	915210	1451345	70.19%	8.604%
86	11.352	3198	3207	3233	rVB4	96570	159403	7.71%	0.945%
87	11.532	3254	3263	3279	rBV2	35099	62358	3.02%	0.370%
88	11.622	3280	3291	3324	rVB	944448	1486491	71.89%	8.813%
89	11.857	3362	3364	3365	rBV2	774	274	0.01%	0.002%
90	11.899	3369	3377	3388	rVB4	29501	44640	2.16%	0.265%
91	12.088	3432	3436	3437	rBV2	2999	1949	0.09%	0.012%
92	12.304	3492	3503	3512	rBV	225255	357189	17.27%	2.118%
93	12.870	3676	3679	3680	rBV	584	245	0.01%	0.001%
94	13.159	3760	3769	3782	rVB3	23062	37469	1.81%	0.222%
95	13.268	3794	3803	3820	rBV4	25514	40151	1.94%	0.238%
96	13.471	3859	3866	3875	rBV4	17549	25708	1.24%	0.152%
97	13.866	3987	3989	3990	rBV	767	173	0.01%	0.001%

Sum of corrected areas: 16867491

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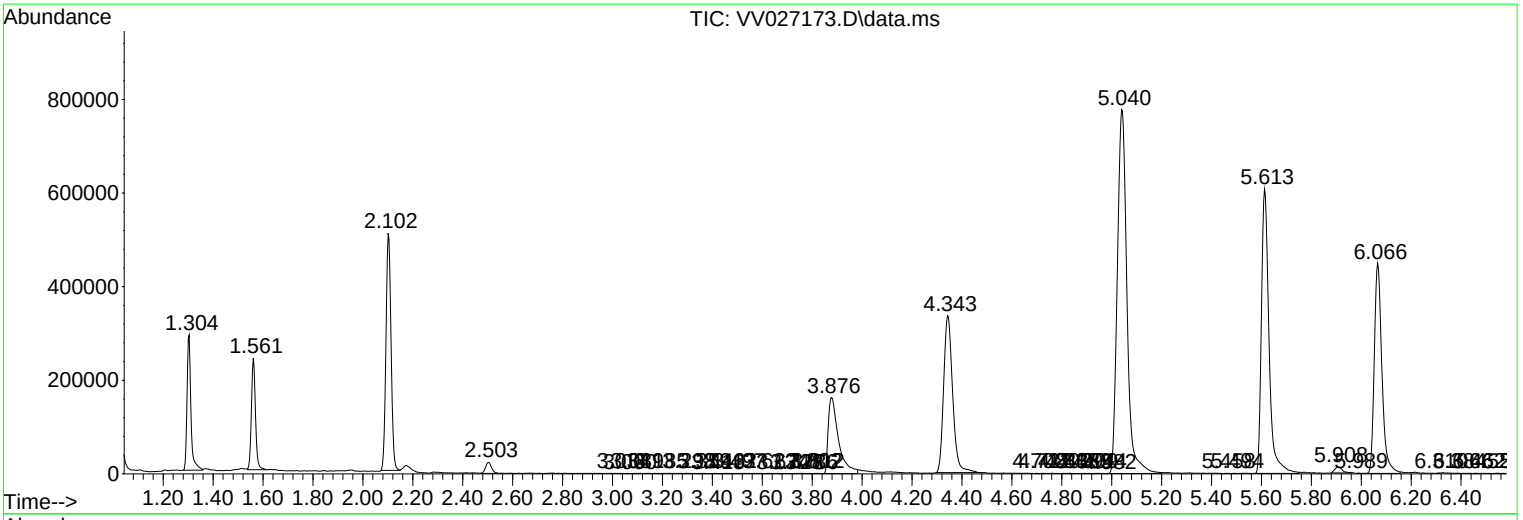
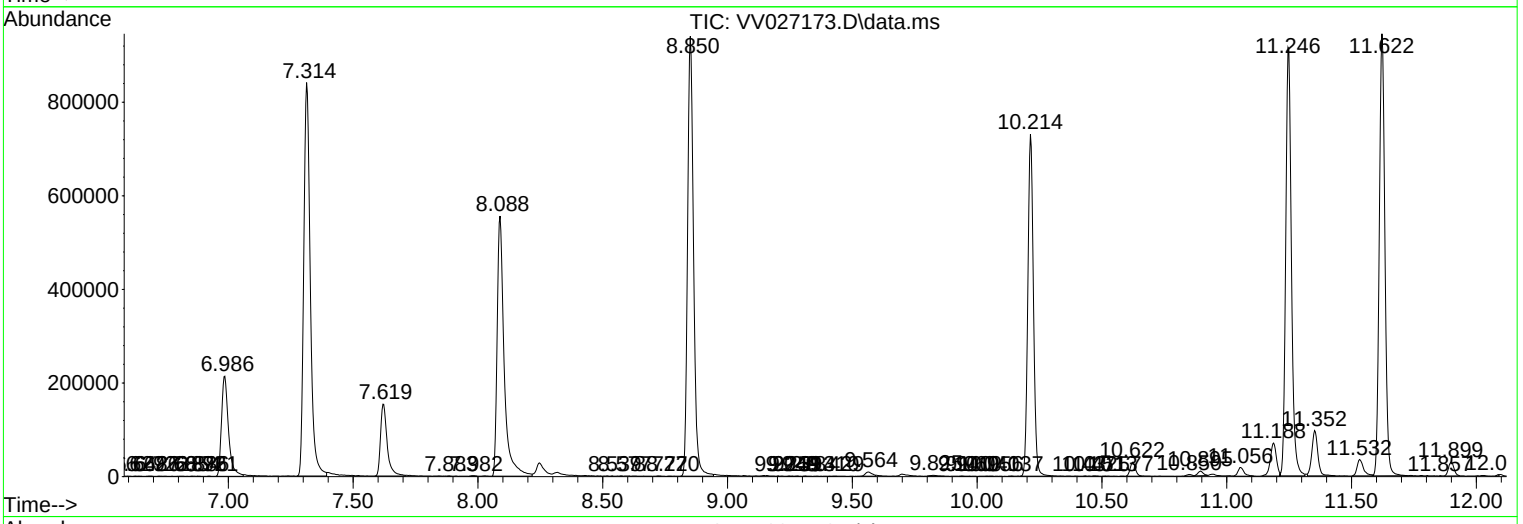
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

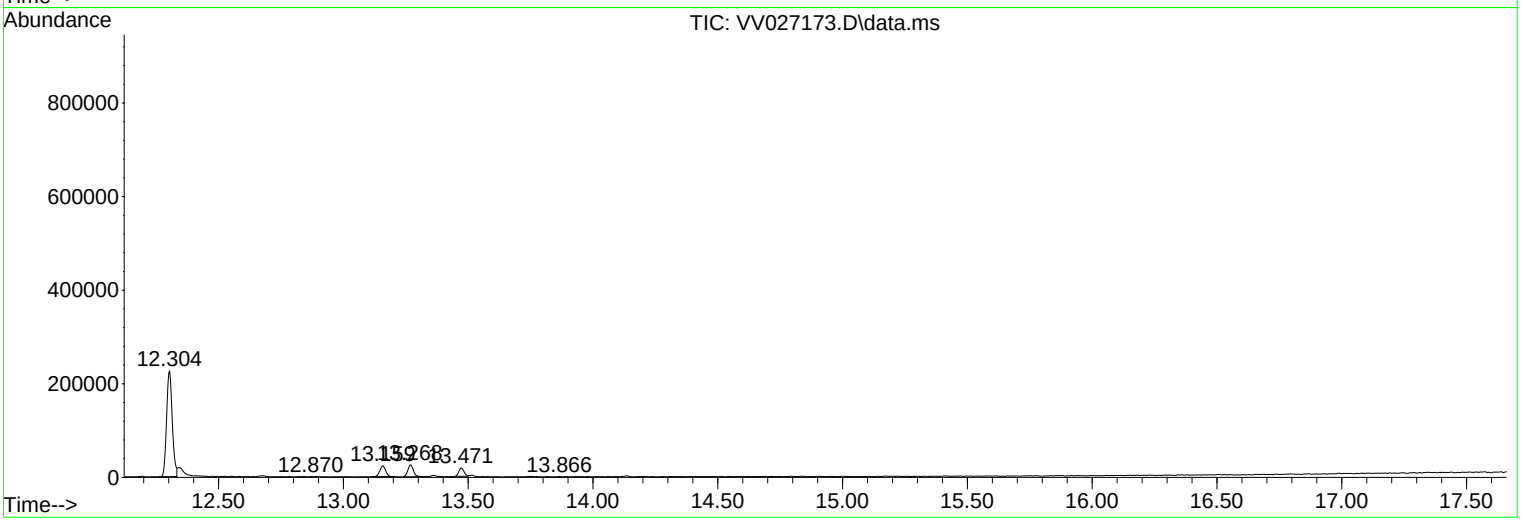
Instrument :
MSVOA_V
ClientSampleId :
F5E50

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

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







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MSVOA_V
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F5E50

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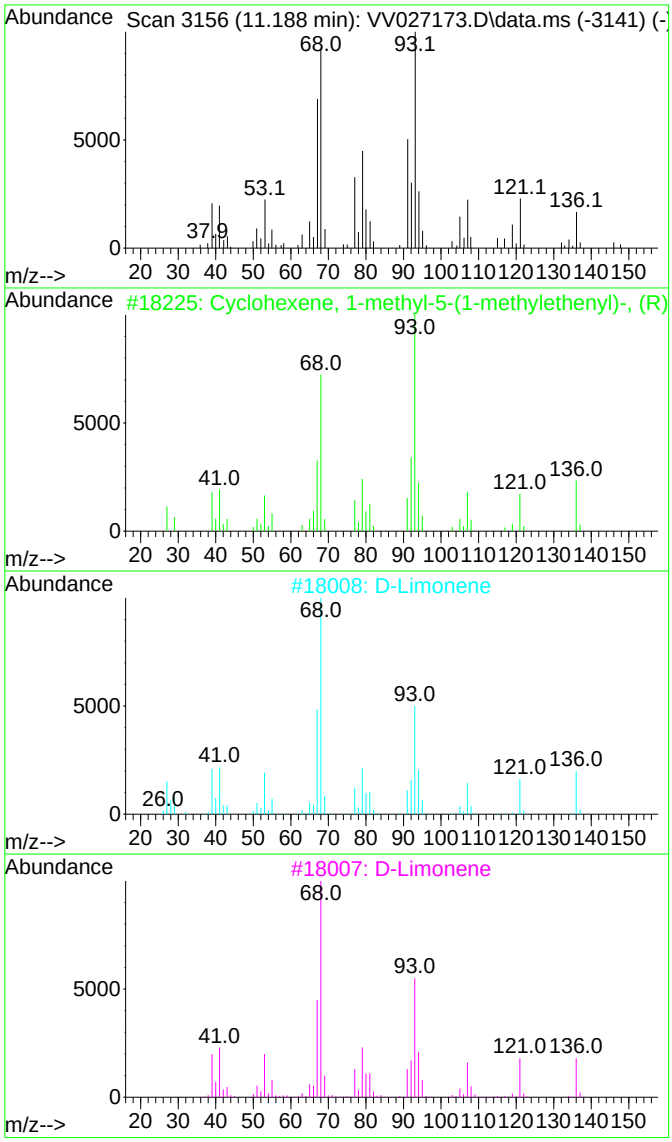
Quant Title : VOC Analysis

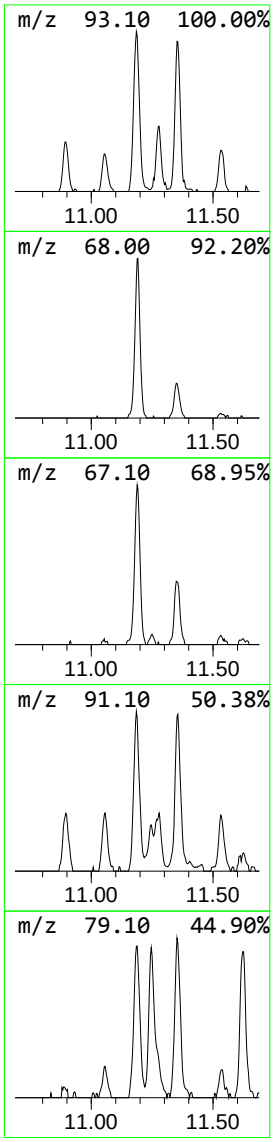
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexene, 1-methyl-5-(1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.188	4.09 ug/L	118767	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-5-(1-methy...	136	C10H16	001461-27-4	80
2	D-Limonene	136	C10H16	005989-27-5	62
3	D-Limonene	136	C10H16	005989-27-5	62
4	D-Limonene	136	C10H16	005989-27-5	58
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	55





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E50

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

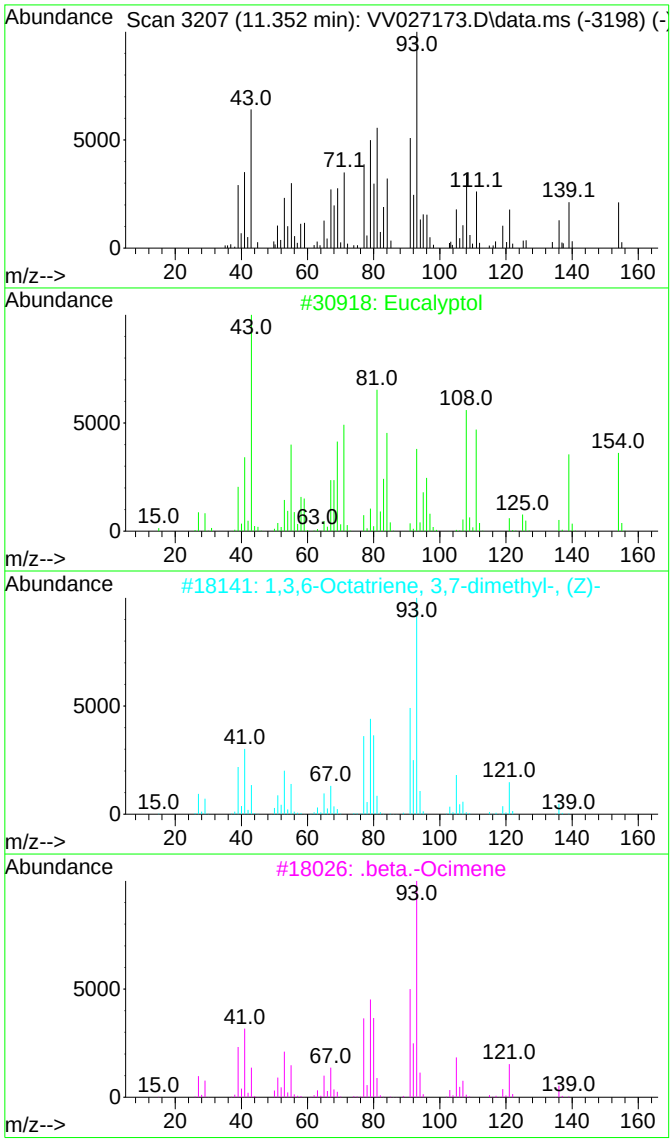
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

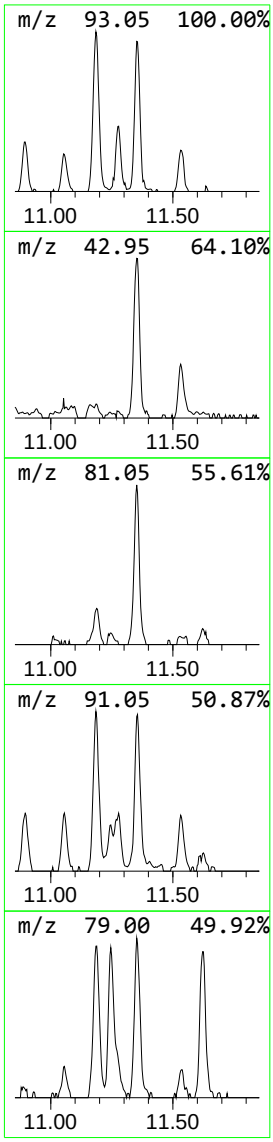
****

Peak Number 3 Eucalyptol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.352	5.49 ug/L	159403	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	93
2	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	92
3	.beta.-Ocimene	136	C10H16	013877-91-3	91
4	Eucalyptol	154	C10H18O	000470-82-6	83
5	3-Carene	136	C10H16	013466-78-9	83





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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5E50

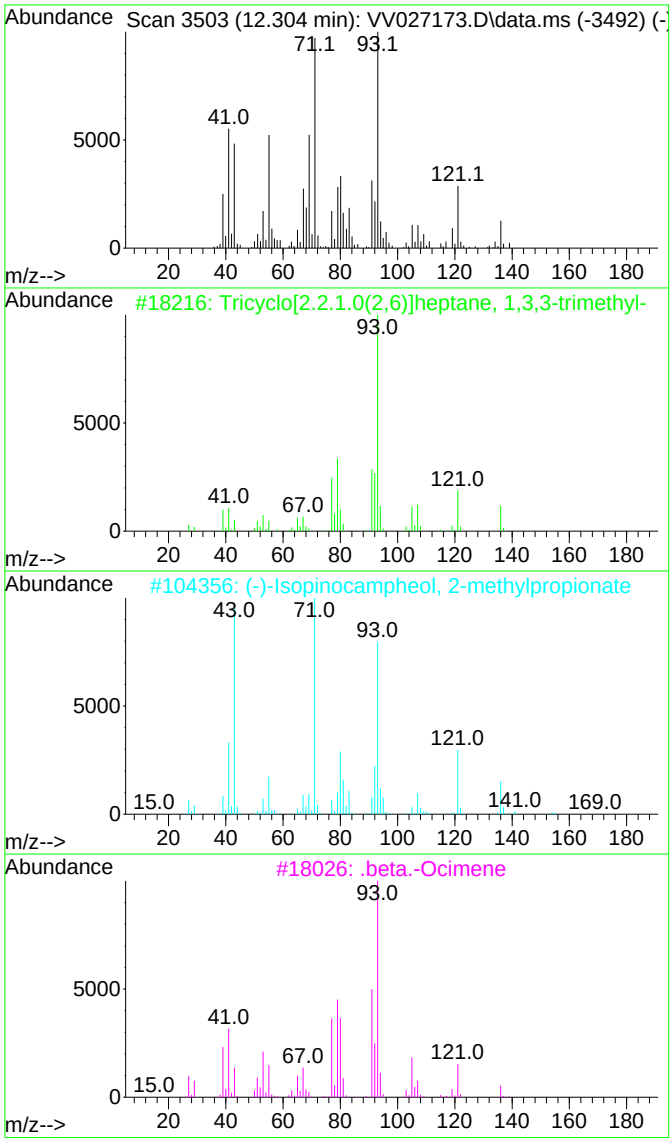
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
Quant Title : VOC Analysis

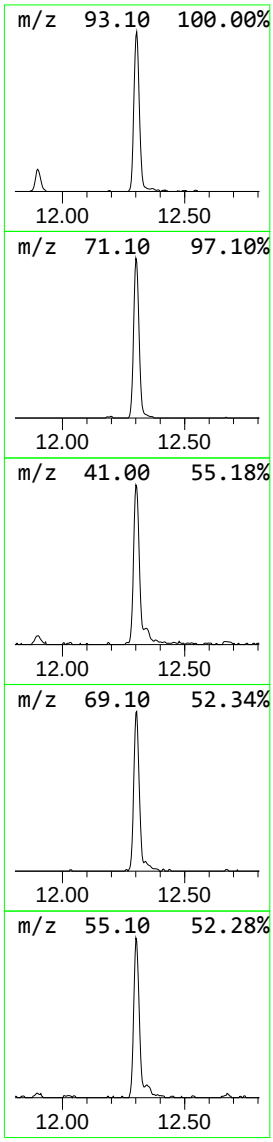
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Tricyclo[2.2.1.0(2,6)]hepta... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	12.31 ug/L	357189	1,4-Dichlorobenzene-d4	11.249

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	87
2	(-)-Isopinocampheol, 2-methylpro...	224	C14H24O2	1000462-98-0	72
3	.beta.-Ocimene	136	C10H16	013877-91-3	64
4	1,3,6-Octatriene, 3,7-dimethyl-,...	136	C10H16	003338-55-4	64
5	.gamma.-Terpinene	136	C10H16	000099-85-4	55





Tentatively Identified Compound (LSC) summary

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ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.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
Cyclohexene, 1-...	11.188	4.1	ug/L	118767	3	11.249	1451350	50.0
Eucalyptol	11.352	5.5	ug/L	159403	3	11.249	1451350	50.0
Tricyclo[2.2.1....	12.304	12.3	ug/L	357189	3	11.249	1451350	50.0