LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
Data File : VX030450.D
Acq On : 05 Aug 2022 23:59
Operator : JC/MD
Sample : N4066-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : F5E54

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_X\Method\SFAMXLM080422WMA.M
Title : VOC Analysis

Signal : TIC: VX030450.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.367	42	46	55	rVB	132104	132273	12.27%	1.412%
2	1.666	91	95	104	rVB	109310	129743	12.04%	1.385%
3	2.306	194	200	210	rVV	217567	331364	30.75%	3.538%
4	2.392	211	214	220	rVB	2733	4328	0.40%	0.046%
5	2.562	237	242	243	rBV2	428	703	0.07%	0.008%
6	2.611	249	250	254	rVB3	765	733	0.07%	0.008%
7	2.660	256	258	260	rVB3	762	530	0.05%	0.006%
8	2.794	273	280	287	rVV	9243	16784	1.56%	0.179%
9	2.977	304	310	311	rBV3	472	942	0.09%	0.010%
10	3.087	325	328	330	rBV3	409	645	0.06%	0.007%
11	3.318	363	366	368	rBV2	478	609	0.06%	0.007%
12	3.343	368	370	373	rVB3	409	500	0.05%	0.005%
13	3.452	386	388	392	rVB	554	540	0.05%	0.006%
14	3.599	411	412	416	rBV2	413	529	0.05%	0.006%
15	4.208	510	512	514	rBV2	452	453	0.04%	0.005%
16	4.227	514	515	518	rVV2	675	698	0.06%	0.007%
17	4.391	540	542	544	rBV2	381	405	0.04%	0.004%
18	4.471	545	555	568	rBV	109014	322934	29.96%	3.448%
19	4.721	592	596	599	rBV4	2139	3440	0.32%	0.037%
20	4.891	622	624	626	rBV2	621	469	0.04%	0.005%
21	5.068	636	653	672	rBV	138575	449980	41.75%	4.804%
22	5.385	698	705	707	rBV4	522	1030	0.10%	0.011%
23	5.403	707	708	714	rVB2	733	736	0.07%	0.008%
24	5.458	714	717	718	rBV2	457	428	0.04%	0.005%
25	5.848	778	781	783	rBV2	340	398	0.04%	0.004%
26	5.976	790	802	819	rBV2	370489	1077754	100.00%	11.507%
27	6.239	842	845	846	rBV2	532	512	0.05%	0.005%
28	6.287	850	853	854	rBV2	510	453	0.04%	0.005%
29	6.348	860	863	865	rBV3	572	726	0.07%	0.008%
30	6.476	883	884	886	rBV2	511	429	0.04%	0.005%
31	6.592	900	903	906	rVB2	444	581	0.05%	0.006%
32	6.769	922	932	946	rBV	273778	646341	59.97%	6.901%
33	6.866	946	948	951	rBV2	769	981	0.09%	0.010%
34	6.958	961	963	965	rVB3	489	359	0.03%	0.004%
35	7.043	974	977	978	rBV	609	652	0.06%	0.007%
36	7.129	981	991	1003	rVB3	39381	108487	10.07%	1.158%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
Data File : VX030450.D
Acq On : 05 Aug 2022 23:59
Operator : JC/MD
Sample : N4066-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F5E54

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_X\Method\SFAMXLM080422WMA.M
Title : VOC Analysis

37	7.312	1010	1021	1032	rBV	225992	502173	46.59%	5.362%
38	7.482	1044	1049	1050	rBV4	1264	1402	0.13%	0.015%
39	7.598	1062	1068	1073	rBV5	1668	3573	0.33%	0.038%
40	7.714	1084	1087	1089	rBV2	362	458	0.04%	0.005%
41	7.915	1118	1120	1121	rBV	596	382	0.04%	0.004%
42	8.189	1164	1165	1168	rVB	559	405	0.04%	0.004%
43	8.330	1182	1188	1204	rBV	144604	236916	21.98%	2.529%
44	8.488	1212	1214	1215	rBV2	599	489	0.05%	0.005%
45	8.580	1224	1229	1234	rBV4	864	1446	0.13%	0.015%
46	8.653	1234	1241	1251	rBV	528413	818945	75.99%	8.744%
47	8.958	1285	1291	1299	rVV	103677	155268	14.41%	1.658%
48	9.275	1337	1343	1351	rVB	15154	23594	2.19%	0.252%
49	9.390	1356	1362	1378	rVV	470601	676279	62.75%	7.220%
50	9.525	1380	1384	1390	rVV2	21980	32749	3.04%	0.350%
51	9.585	1391	1394	1402	rVB2	5651	9674	0.90%	0.103%
52	9.756	1420	1422	1424	rVB	587	384	0.04%	0.004%
53	10.055	1466	1471	1486	rVV	548110	743183	68.96%	7.935%
54	10.189	1490	1493	1494	rBV3	466	438	0.04%	0.005%
55	10.238	1499	1501	1505	rBV3	676	938	0.09%	0.010%
56	10.439	1532	1534	1538	rVV2	359	408	0.04%	0.004%
57	10.518	1545	1547	1548	rBV	425	374	0.03%	0.004%
58	10.652	1565	1569	1578	rVB	7290	10167	0.94%	0.109%
59	10.762	1582	1587	1594	rBV3	3781	6198	0.58%	0.066%
60	10.860	1600	1603	1606	rBV4	1891	1977	0.18%	0.021%
61	11.030	1630	1631	1633	rBV2	635	529	0.05%	0.006%
62	11.195	1653	1658	1667	rVV	406562	494472	45.88%	5.279%
63	11.451	1699	1700	1703	rBV2	515	575	0.05%	0.006%
64	11.488	1703	1706	1707	rVV3	565	530	0.05%	0.006%
65	11.518	1707	1711	1717	rVV2	15996	19383	1.80%	0.207%
66	11.683	1735	1738	1743	rVB5	1582	2204	0.20%	0.024%
67	11.762	1743	1751	1757	rBV7	4886	8447	0.78%	0.090%
68	11.847	1761	1765	1766	rBV3	1033	1139	0.11%	0.012%
69	11.866	1766	1768	1773	rVB4	1939	2539	0.24%	0.027%
70	11.933	1776	1779	1780	rBV3	1797	1754	0.16%	0.019%
71	11.951	1780	1782	1784	rBV3	2242	2287	0.21%	0.024%
72	12.024	1789	1794	1802	rVV	569353	681354	63.22%	7.275%
73	12.103	1802	1807	1812	rVB3	41144	61407	5.70%	0.656%
74	12.225	1820	1827	1836	rBV3	12901	26938	2.50%	0.288%
75	12.323	1838	1843	1851	rVB	596107	727580	67.51%	7.768%
76	12.463	1863	1866	1867	rBV2	1024	947	0.09%	0.010%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
Data File : VX030450.D
Acq On : 05 Aug 2022 23:59
Operator : JC/MD
Sample : N4066-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : F5E54

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_X\Method\SFAMXLM080422WMA.M
Title : VOC Analysis

77	12.530	1872	1877	1881	rBV5	2229	3484	0.32%	0.037%
78	12.597	1882	1888	1894	rVB6	2139	4978	0.46%	0.053%
79	12.701	1904	1905	1907	rBV2	570	381	0.04%	0.004%
80	12.725	1907	1909	1912	rBV3	667	408	0.04%	0.004%
81	12.780	1915	1918	1920	rBV4	946	1434	0.13%	0.015%
82	12.823	1920	1925	1930	rBV	603504	729774	67.71%	7.792%
83	13.323	2005	2007	2009	rBV2	782	669	0.06%	0.007%
84	13.512	2033	2038	2044	rBV2	21758	29650	2.75%	0.317%
85	13.579	2045	2049	2057	rVB	31693	44125	4.09%	0.471%
86	13.658	2060	2062	2066	rVV5	3076	3382	0.31%	0.036%
87	13.731	2070	2074	2080	rVB2	22321	28686	2.66%	0.306%
88	13.957	2107	2111	2117	rBV6	1978	3073	0.29%	0.033%
89	14.036	2122	2124	2125	rBV2	572	372	0.03%	0.004%
90	14.085	2130	2132	2134	rBV3	559	454	0.04%	0.005%
91	14.133	2136	2140	2145	rBV6	2746	5106	0.47%	0.055%
92	14.725	2233	2237	2241	rBV4	2820	4522	0.42%	0.048%
93	14.883	2261	2263	2268	rVB4	1301	1495	0.14%	0.016%
94	15.188	2311	2313	2314	rBV2	715	434	0.04%	0.005%
95	15.530	2365	2369	2373	rVB3	1032	1762	0.16%	0.019%
96	15.572	2373	2376	2377	rBV3	1013	851	0.08%	0.009%
97	15.883	2425	2427	2429	rBV3	818	844	0.08%	0.009%
98	15.932	2433	2435	2438	rBV3	776	784	0.07%	0.008%
99	15.962	2438	2440	2442	rVB	841	512	0.05%	0.005%
100	16.773	2571	2573	2575	rBV2	838	682	0.06%	0.007%

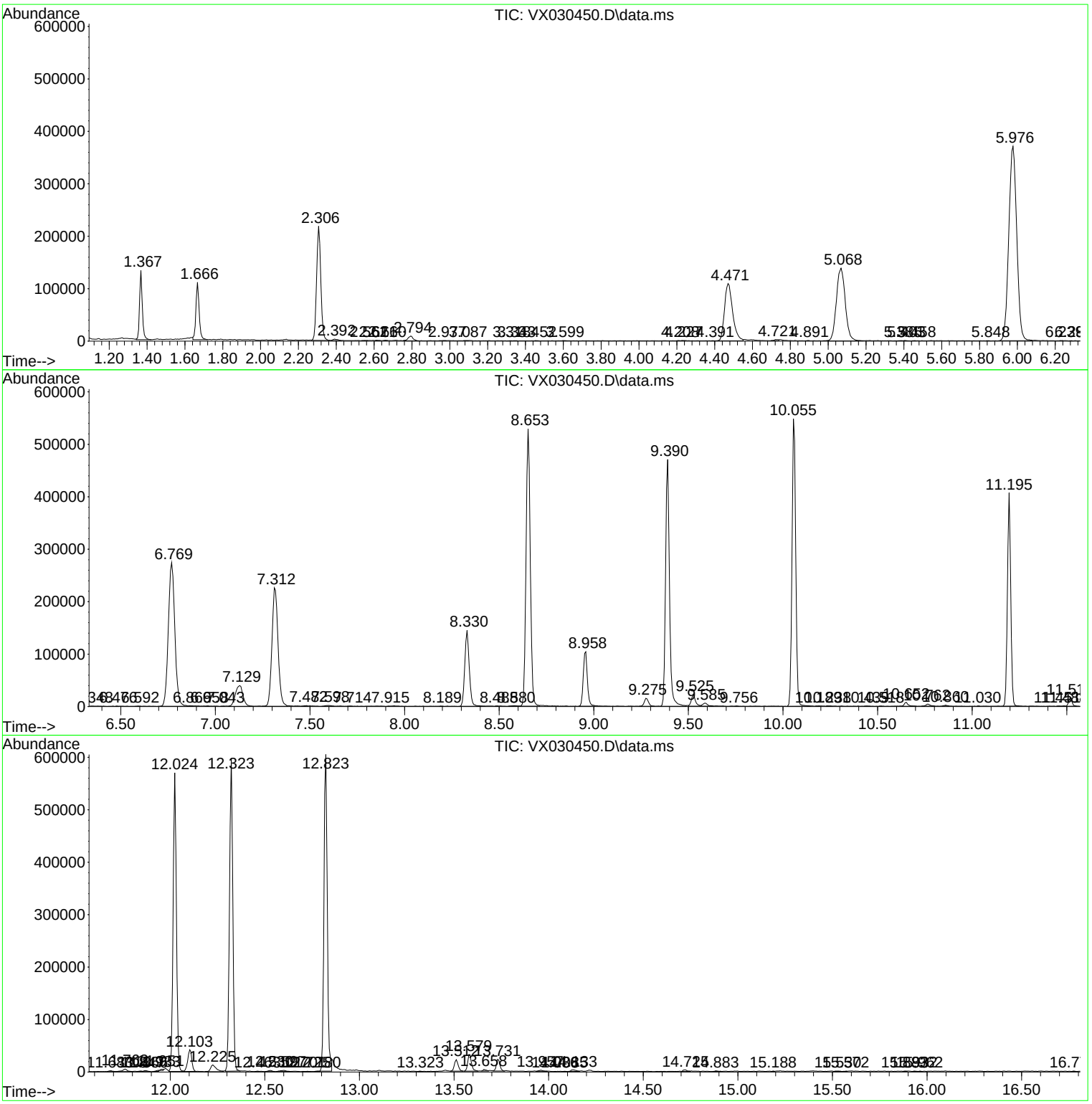
Sum of corrected areas: 9366236

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
Data File : VX030450.D
Acq On : 05 Aug 2022 23:59
Operator : JC/MD
Sample : N4066-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F5E54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
Data File : VX030450.D
Acq On : 05 Aug 2022 23:59
Operator : JC/MD
Sample : N4066-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F5E54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis

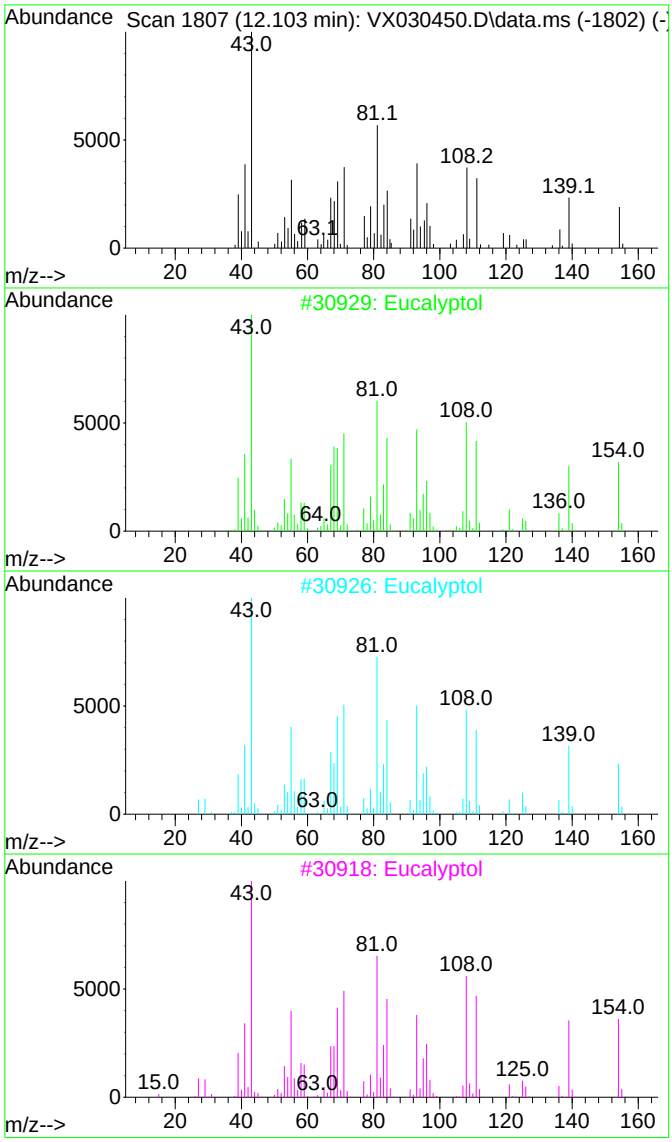
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

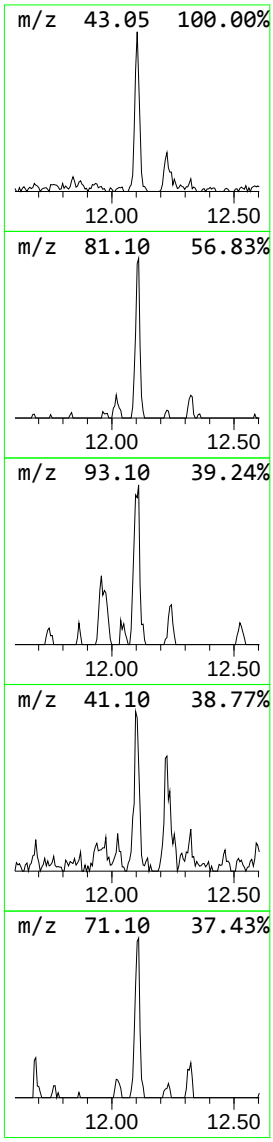
****

Peak Number 2 Eucalyptol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.103	4.51 ug/L	61407	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	95
2	Eucalyptol	154	C10H18O	000470-82-6	93
3	Eucalyptol	154	C10H18O	000470-82-6	93
4	Eucalyptol	154	C10H18O	000470-82-6	70
5	Eucalyptol	154	C10H18O	000470-82-6	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
Data File : VX030450.D
Acq On : 05 Aug 2022 23:59
Operator : JC/MD
Sample : N4066-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F5E54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis

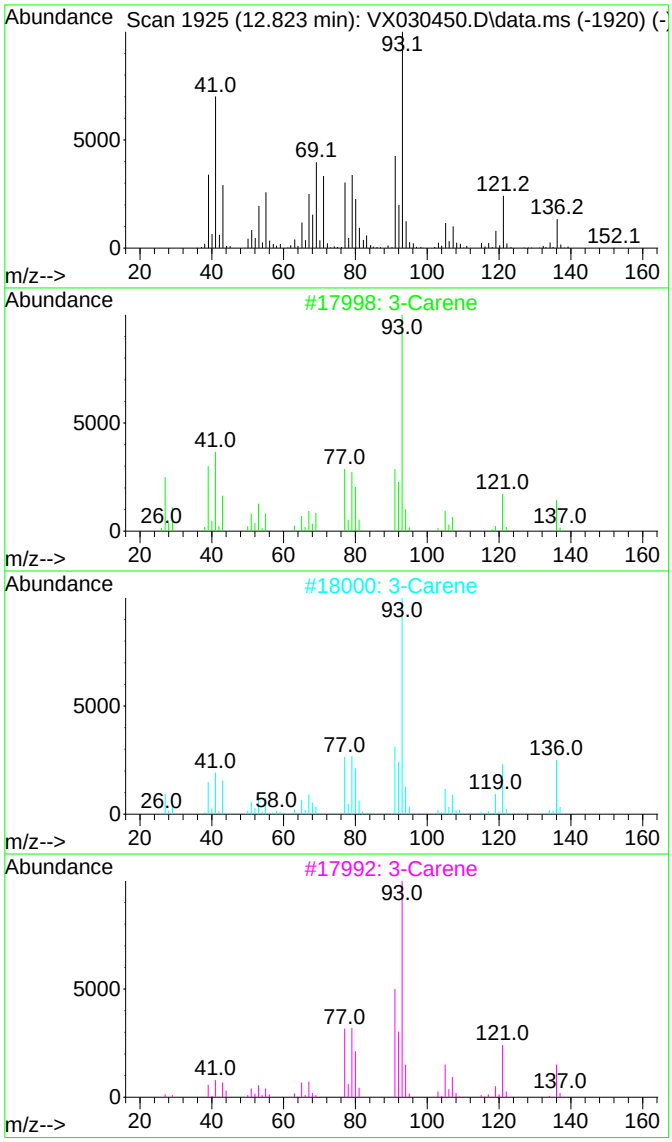
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

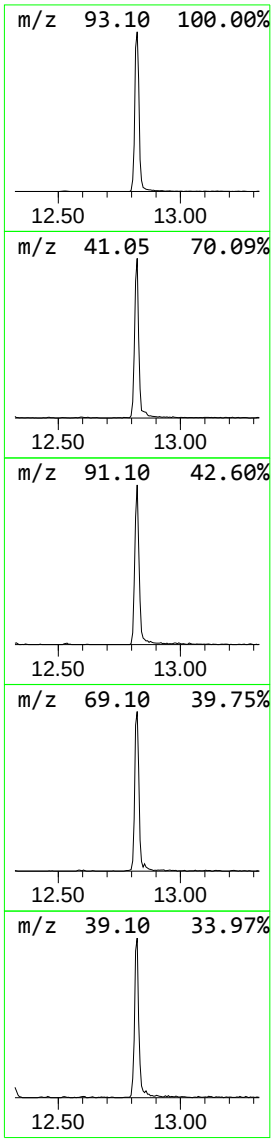
****

Peak Number 3 3-Carene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.823	53.55 ug/L	729774	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	93
2	3-Carene	136	C10H16	013466-78-9	87
3	3-Carene	136	C10H16	013466-78-9	86
4	.beta.-Pinene	136	C10H16	000127-91-3	81
5	(+)-3-Carene	136	C10H16	000498-15-7	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
Data File : VX030450.D
Acq On : 05 Aug 2022 23:59
Operator : JC/MD
Sample : N4066-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F5E54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.M
Quant Title : VOC Analysis

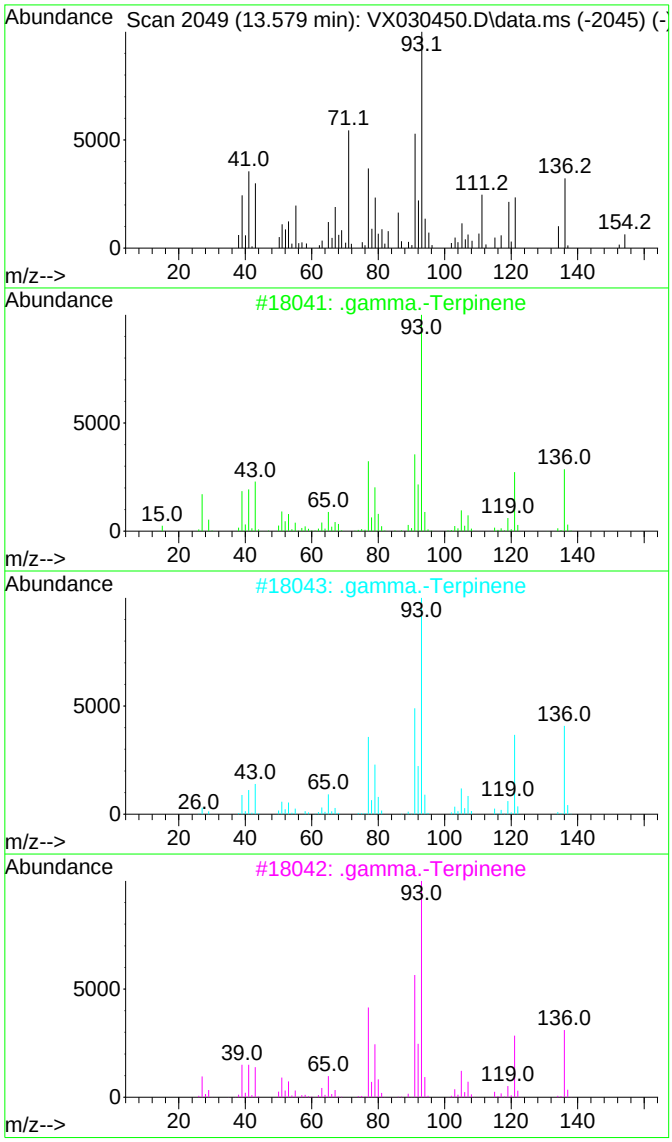
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

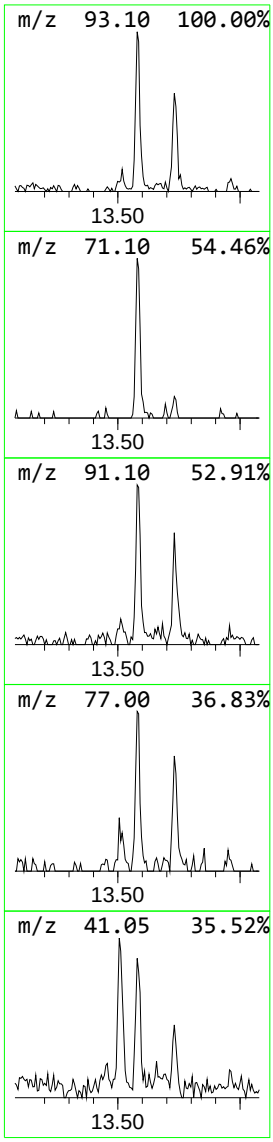
****

Peak Number 4 .gamma.-Terpinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.579	3.24 ug/L	44125	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Terpinene	136	C10H16	000099-85-4	90
2	.gamma.-Terpinene	136	C10H16	000099-85-4	90
3	.gamma.-Terpinene	136	C10H16	000099-85-4	90
4	.gamma.-Terpinene	136	C10H16	000099-85-4	60
5	.gamma.-Terpinene	136	C10H16	000099-85-4	60





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
Data File : VX030450.D
Acq On : 05 Aug 2022 23:59
Operator : JC/MD
Sample : N4066-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F5E54

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM080422WMA.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
Eucalyptol	12.103	4.5	ug/L	61407	3	12.024	681354	50.0
3-Carene	12.823	53.5	ug/L	729774	3	12.024	681354	50.0
.gamma.-Terpinene	13.579	3.2	ug/L	44125	3	12.024	681354	50.0