LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080622\
Data File : VX030482.D
Acq On : 06 Aug 2022 22:58
Operator : JC/MD
Sample : N4066-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 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: VX030482.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.368	42	46	57	rVB	113901	121777	12.22%	1.351%
2	1.666	91	95	103	rVB	103534	118885	11.93%	1.319%
3	2.307	194	200	211	rVB	192435	297599	29.85%	3.301%
4	2.398	211	215	219	rBV2	2543	3689	0.37%	0.041%
5	2.575	242	244	246	rBV2	675	712	0.07%	0.008%
6	2.703	261	265	266	rBV2	591	844	0.08%	0.009%
7	2.794	274	280	287	rVB2	8304	15580	1.56%	0.173%
8	3.002	313	314	316	rBV	538	305	0.03%	0.003%
9	3.063	323	324	325	rBV	586	317	0.03%	0.004%
10	3.105	328	331	334	rVV3	465	654	0.07%	0.007%
11	3.288	359	361	365	rBV2	272	397	0.04%	0.004%
12	3.459	387	389	391	rVB2	441	359	0.04%	0.004%
13	3.489	391	394	395	rBV	461	345	0.03%	0.004%
14	3.520	395	399	400	rVB3	488	342	0.03%	0.004%
15	3.587	408	410	412	rBV2	755	466	0.05%	0.005%
16	3.800	442	445	447	rBV	393	316	0.03%	0.004%
17	3.825	447	449	450	rVB2	451	325	0.03%	0.004%
18	3.837	450	451	455	rBV	836	848	0.09%	0.009%
19	3.867	455	456	458	rBV	391	367	0.04%	0.004%
20	4.056	481	487	490	rVV2	348	654	0.07%	0.007%
21	4.276	519	523	524	rVB3	324	419	0.04%	0.005%
22	4.294	524	526	528	rBV2	362	411	0.04%	0.005%
23	4.404	542	544	546	rBV	403	505	0.05%	0.006%
24	4.471	546	555	572	rBV	88934	262613	26.34%	2.913%
25	4.739	591	599	604	rBV5	2130	5280	0.53%	0.059%
26	4.946	629	633	636	rBV2	400	583	0.06%	0.006%
27	5.062	641	652	669	rVV	131864	409970	41.13%	4.548%
28	5.391	704	706	709	rBV3	453	488	0.05%	0.005%
29	5.660	747	750	755	rBV3	591	704	0.07%	0.008%
30	5.745	762	764	766	rVB	692	473	0.05%	0.005%
31	5.977	790	802	818	rVV2	339331	996853	100.00%	11.059%
32	6.135	826	828	831	rVB2	580	605	0.06%	0.007%
33	6.190	835	837	840	rVB3	393	403	0.04%	0.004%
34	6.397	869	871	874	rVB	436	364	0.04%	0.004%
35	6.769	922	932	947	rBV	304274	727908	73.02%	8.075%
36	7.013	969	972	977	rVB4	431	659	0.07%	0.007%

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 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	7.117	980	989	999	rVB6	18302	42992	4.31%	0.477%
38	7.202	999	1003	1007	rBV2	495	975	0.10%	0.011%
39	7.312	1013	1021	1034	rBV	209506	468934	47.04%	5.202%
40	7.440	1040	1042	1044	rBV	458	504	0.05%	0.006%
41	7.592	1062	1067	1072	rBV4	1781	3846	0.39%	0.043%
42	7.690	1078	1083	1084	rBV2	549	803	0.08%	0.009%
43	7.824	1102	1105	1108	rVV2	410	712	0.07%	0.008%
44	7.860	1108	1111	1117	rVB4	694	1322	0.13%	0.015%
45	8.049	1140	1142	1144	rBV	403	437	0.04%	0.005%
46	8.135	1155	1156	1160	rVB2	449	408	0.04%	0.005%
47	8.226	1168	1171	1173	rBV2	563	680	0.07%	0.008%
48	8.330	1181	1188	1199	rBV	132016	214261	21.49%	2.377%
49	8.580	1226	1229	1230	rBV3	1154	1110	0.11%	0.012%
50	8.653	1234	1241	1250	rBV	513743	781276	78.37%	8.667%
51	8.952	1285	1290	1299	rBV	89820	139706	14.01%	1.550%
52	9.171	1325	1326	1328	rVB2	570	354	0.04%	0.004%
53	9.275	1340	1343	1347	rBV3	1830	2518	0.25%	0.028%
54	9.391	1356	1362	1378	rBV	403656	584691	58.65%	6.486%
55	9.525	1380	1384	1391	rVV	20834	32524	3.26%	0.361%
56	9.586	1391	1394	1400	rVB2	5543	9123	0.92%	0.101%
57	9.702	1411	1413	1416	rVB3	697	539	0.05%	0.006%
58	9.732	1416	1418	1420	rBV2	574	408	0.04%	0.005%
59	9.830	1432	1434	1435	rBV	419	388	0.04%	0.004%
60	9.903	1444	1446	1448	rBV3	436	351	0.04%	0.004%
61	9.988	1458	1460	1462	rBV3	392	301	0.03%	0.003%
62	10.055	1465	1471	1481	rBV	621963	842107	84.48%	9.342%
63	10.201	1492	1495	1498	rVB4	794	1068	0.11%	0.012%
64	10.269	1504	1506	1508	rVB	651	407	0.04%	0.005%
65	10.305	1510	1512	1517	rVB4	1296	1975	0.20%	0.022%
66	10.378	1519	1524	1526	rBV	540	746	0.07%	0.008%
67	10.647	1565	1568	1573	rBV	6553	8910	0.89%	0.099%
68	10.768	1581	1588	1593	rBV4	3787	6687	0.67%	0.074%
69	10.860	1597	1603	1608	rBV4	2223	3937	0.39%	0.044%
70	11.116	1641	1645	1648	rBV2	387	737	0.07%	0.008%
71	11.146	1648	1650	1653	rVV2	490	589	0.06%	0.007%
72	11.195	1653	1658	1669	rVV	351481	447526	44.89%	4.965%
73	11.427	1692	1696	1698	rBV3	555	643	0.06%	0.007%
74	11.518	1707	1711	1718	rVB2	14724	18096	1.82%	0.201%
75	11.604	1723	1725	1728	rVB2	418	405	0.04%	0.004%
76	11.628	1728	1729	1730	rBV	637	359	0.04%	0.004%

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Sample : N4066-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 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	11.756	1743	1750	1755	rBV7	3982	7727	0.78%	0.086%
78	11.933	1776	1779	1780	rBV2	2231	2010	0.20%	0.022%
79	11.976	1780	1786	1789	rVV5	5867	11990	1.20%	0.133%
80	12.024	1789	1794	1801	rVV	629771	769018	77.14%	8.531%
81	12.104	1802	1807	1816	rVB2	42509	61925	6.21%	0.687%
82	12.226	1822	1827	1837	rBV2	13928	27130	2.72%	0.301%
83	12.323	1838	1843	1850	rVB	533129	664746	66.68%	7.374%
84	12.524	1873	1876	1879	rVB2	2057	1977	0.20%	0.022%
85	12.597	1882	1888	1891	rBV6	1987	4438	0.45%	0.049%
86	12.664	1897	1899	1904	rBV2	830	1515	0.15%	0.017%
87	12.823	1919	1925	1929	rBV	624111	734132	73.64%	8.144%
88	13.103	1969	1971	1975	rVB4	1581	1884	0.19%	0.021%
89	13.299	2001	2003	2006	rVB2	590	455	0.05%	0.005%
90	13.457	2025	2029	2033	rBV6	2272	3392	0.34%	0.038%
91	13.512	2033	2038	2043	rVB2	21481	27973	2.81%	0.310%
92	13.585	2045	2050	2058	rBV	34187	47512	4.77%	0.527%
93	13.731	2070	2074	2086	rBV3	22150	31333	3.14%	0.348%
94	13.963	2109	2112	2115	rVB3	1813	2323	0.23%	0.026%
95	14.054	2125	2127	2130	rBV3	811	691	0.07%	0.008%
96	14.128	2135	2139	2145	rVV6	2846	5297	0.53%	0.059%
97	14.219	2149	2154	2159	rBV7	2401	3523	0.35%	0.039%
98	14.536	2205	2206	2209	rBV3	631	623	0.06%	0.007%
99	14.725	2232	2237	2241	rBV6	3383	5284	0.53%	0.059%
100	16.078	2457	2459	2463	rBV4	770	1050	0.11%	0.012%

Sum of corrected areas: 9014322

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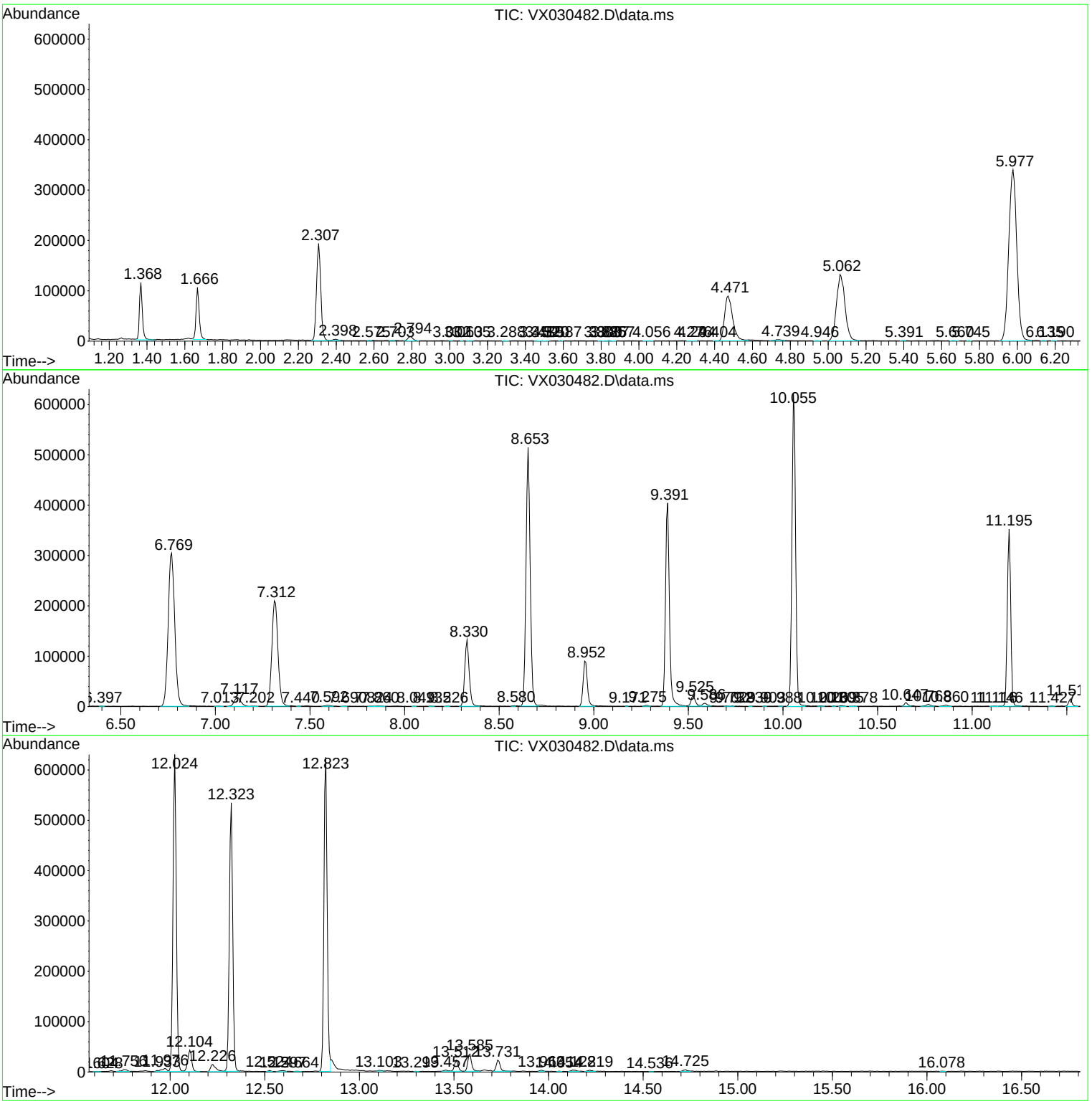
ALS Vial : 23 Sample Multiplier: 1

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



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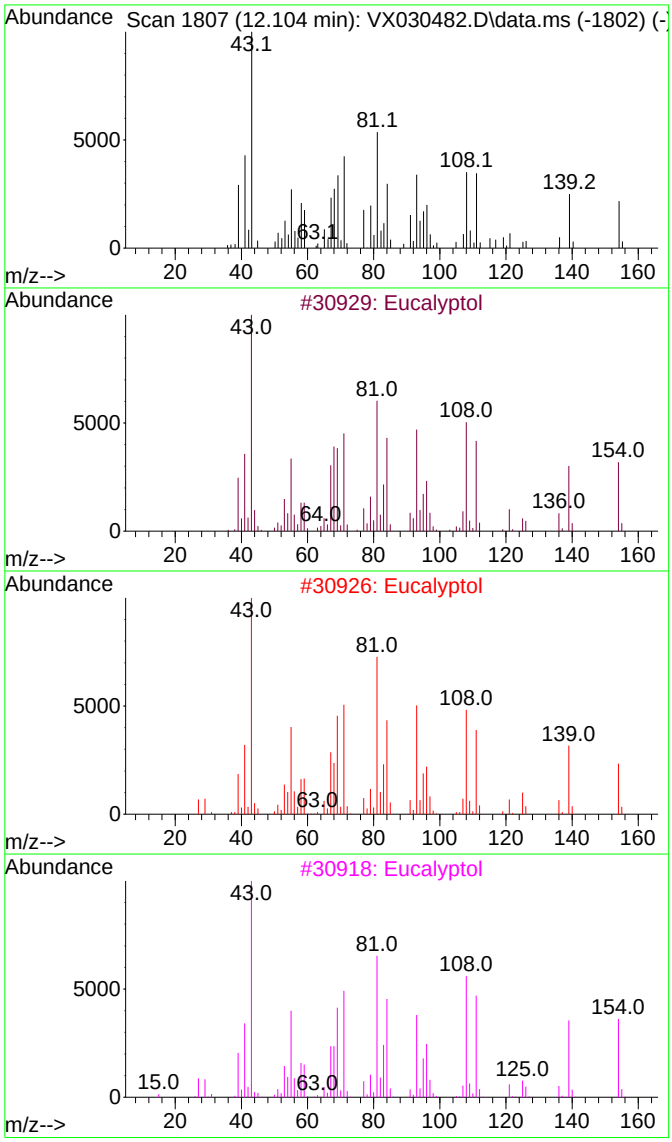
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

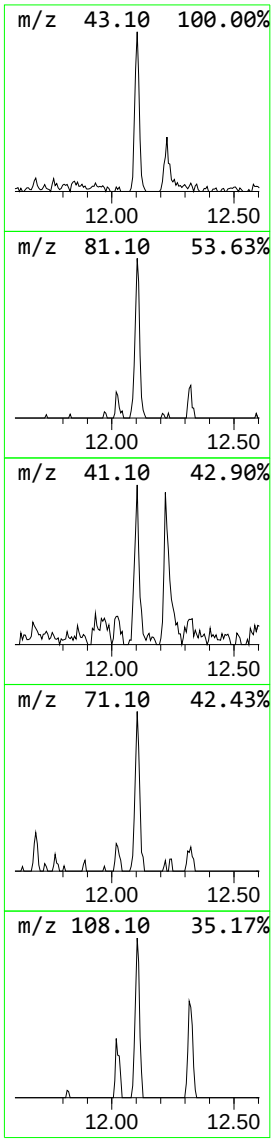
****

Peak Number 3 Eucalyptol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.104	4.03 ug/L	61925	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eucalyptol	154	C10H18O	000470-82-6	94
2	Eucalyptol	154	C10H18O	000470-82-6	94
3	Eucalyptol	154	C10H18O	000470-82-6	91
4	Eucalyptol	154	C10H18O	000470-82-6	87
5	Eucalyptol	154	C10H18O	000470-82-6	64





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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
F5E54

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

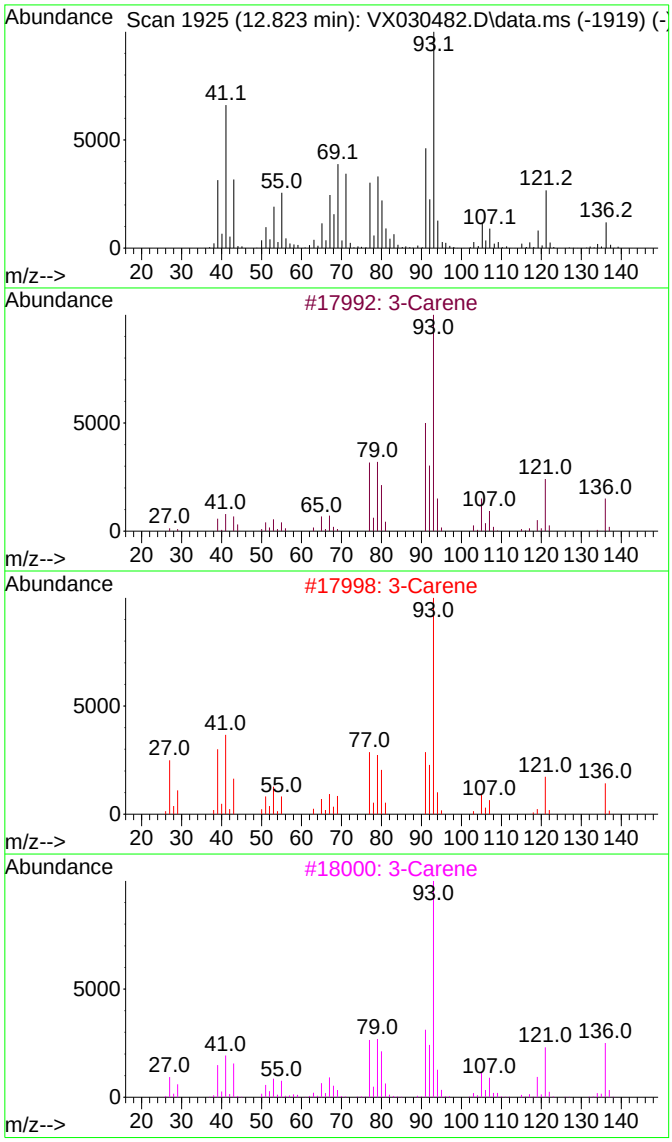
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

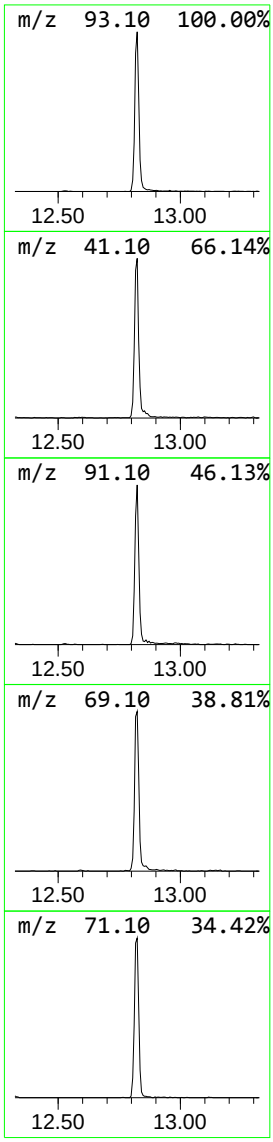
****

Peak Number 4 3-Carene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.823	47.73 ug/L	734132	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Carene	136	C10H16	013466-78-9	97
2	3-Carene	136	C10H16	013466-78-9	93
3	3-Carene	136	C10H16	013466-78-9	87
4	.gamma.-Terpinene	136	C10H16	000099-85-4	86
5	3-Carene	136	C10H16	013466-78-9	81





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Instrument :
MSVOA_X
ClientSampleId :
F5E54

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

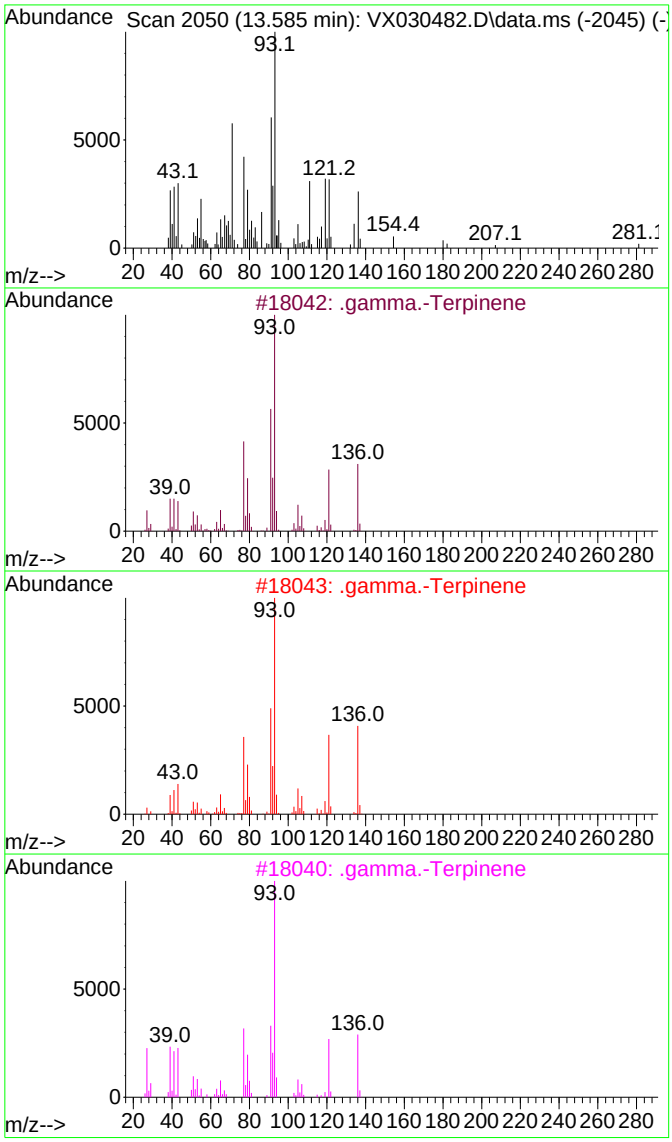
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

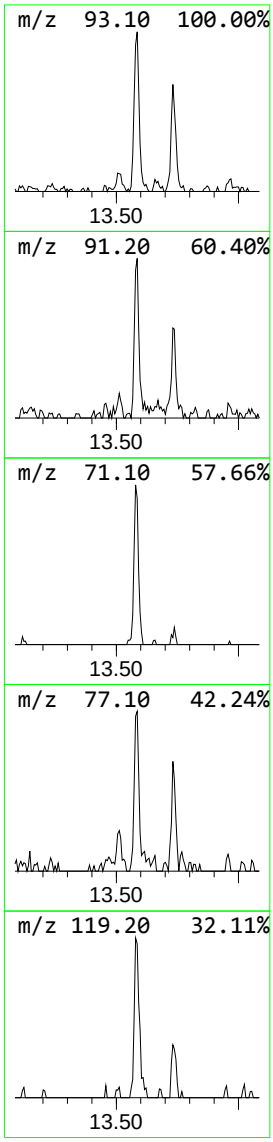
****

Peak Number 5 .gamma.-Terpinene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.585	3.09 ug/L	47512	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	78
3	.gamma.-Terpinene	136	C10H16	000099-85-4	60
4	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	60
5	.gamma.-Terpinene	136	C10H16	000099-85-4	60





Tentatively Identified Compound (LSC) summary

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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	12.104	4.0	ug/L	61925	3	12.024	769018	50.0
3-Carene	12.823	47.7	ug/L	734132	3	12.024	769018	50.0
.gamma.-Terpinene	13.585	3.1	ug/L	47512	3	12.024	769018	50.0