LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
Data File : VW028132.D
Acq On : 07 Mar 2024 17:20
Operator : SY/MD
Sample : P1638-10
Misc : 4.66g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCNP2

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_W\Method\SFAMWLM022924SMA.M
Title : SFAM01.0

Signal : TIC: VW028132.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.363	71	78	94	rBV	62231	152831	1.38%	0.735%
2	2.899	157	166	183	rBV2	39329	119668	1.08%	0.576%
3	3.393	242	247	255	rVB4	1087	2375	0.02%	0.011%
4	3.527	263	269	276	rBV2	2129	5284	0.05%	0.025%
5	4.021	339	350	376	rBV	125897	389156	3.52%	1.872%
6	4.198	376	379	380	rBV	476	488	0.00%	0.002%
7	4.283	390	393	395	rBV2	179	273	0.00%	0.001%
8	4.393	404	411	413	rBV3	675	1369	0.01%	0.007%
9	4.619	439	448	452	rBV3	860	2319	0.02%	0.011%
10	4.923	488	498	516	rVB3	6781	24891	0.22%	0.120%
11	5.496	591	592	595	rBV	178	92	0.00%	0.000%
12	5.563	601	603	605	rVB	212	166	0.00%	0.001%
13	5.588	605	607	609	rBV	116	142	0.00%	0.001%
14	5.643	613	616	617	rBV	145	151	0.00%	0.001%
15	5.685	621	623	624	rBV2	164	119	0.00%	0.001%
16	5.783	634	639	640	rBV	129	195	0.00%	0.001%
17	5.941	659	665	677	rVB6	1601	4244	0.04%	0.020%
18	6.228	709	712	713	rBV2	100	112	0.00%	0.001%
19	6.386	736	738	742	rBV2	160	185	0.00%	0.001%
20	6.496	754	756	757	rBV	175	104	0.00%	0.001%
21	6.515	757	759	761	rVB	144	116	0.00%	0.001%
22	6.594	768	772	773	rBV2	112	131	0.00%	0.001%
23	6.923	824	826	827	rVV	145	85	0.00%	0.000%
24	6.941	827	829	830	rVB	202	135	0.00%	0.001%
25	7.075	842	851	857	rBV2	14519	40639	0.37%	0.196%
26	7.277	882	884	888	rVB2	229	243	0.00%	0.001%
27	7.313	888	890	893	rVB2	131	136	0.00%	0.001%
28	7.344	893	895	896	rBV2	138	84	0.00%	0.000%
29	7.429	906	909	912	rBV2	202	263	0.00%	0.001%
30	7.648	934	945	959	rBV	159786	390219	3.53%	1.877%
31	7.886	983	984	986	rBV	115	105	0.00%	0.001%
32	7.941	991	993	996	rBV	186	212	0.00%	0.001%
33	8.124	1021	1023	1024	rVB	167	86	0.00%	0.000%
34	8.179	1030	1032	1037	rVB	154	214	0.00%	0.001%
35	8.276	1037	1048	1066	rBV2	319901	917903	8.29%	4.416%
36	8.398	1066	1068	1071	rVB	309	252	0.00%	0.001%

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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_W\Method\SFAMWLM022924SMA.M
Title : SFAM01.0

37	8.465	1077	1079	1080	rBV2	155	132	0.00%	0.001%
38	8.490	1082	1083	1086	rVV	242	183	0.00%	0.001%
39	8.545	1090	1092	1095	rVV	152	120	0.00%	0.001%
40	8.630	1102	1106	1109	rVB2	227	268	0.00%	0.001%
41	8.740	1122	1124	1128	rVB2	222	184	0.00%	0.001%
42	8.843	1131	1141	1153	rBV	475949	952422	8.60%	4.582%
43	9.014	1167	1169	1171	rVV	133	100	0.00%	0.000%
44	9.038	1171	1173	1177	rVV2	195	173	0.00%	0.001%
45	9.081	1177	1180	1185	rVB4	529	745	0.01%	0.004%
46	9.124	1185	1187	1190	rBV2	130	142	0.00%	0.001%
47	9.209	1200	1201	1203	rBV	167	135	0.00%	0.001%
48	9.270	1203	1211	1228	rVV	188855	388054	3.51%	1.867%
49	9.587	1262	1263	1267	rBV2	115	113	0.00%	0.001%
50	10.032	1329	1336	1345	rBV	78854	142972	1.29%	0.688%
51	10.227	1365	1368	1369	rBV	175	203	0.00%	0.001%
52	10.319	1375	1383	1392	rBV	454903	823521	7.44%	3.962%
53	10.508	1411	1414	1416	rBV3	287	298	0.00%	0.001%
54	10.575	1418	1425	1437	rBV	48827	84170	0.76%	0.405%
55	10.703	1439	1446	1452	rVB	6539	11884	0.11%	0.057%
56	10.770	1452	1457	1459	rBV2	195	365	0.00%	0.002%
57	10.867	1471	1473	1475	rBV	89	83	0.00%	0.000%
58	10.922	1475	1482	1494	rBV	54123	94162	0.85%	0.453%
59	11.026	1496	1499	1502	rVB3	1865	2113	0.02%	0.010%
60	11.386	1555	1558	1561	rBV	177	241	0.00%	0.001%
61	11.440	1566	1567	1570	rBV2	159	199	0.00%	0.001%
62	11.629	1590	1598	1610	rBV	608747	1023111	9.24%	4.922%
63	11.825	1625	1630	1632	rBV4	876	1339	0.01%	0.006%
64	11.965	1652	1653	1654	rBV4	157	101	0.00%	0.000%
65	12.111	1671	1677	1682	rVB3	1741	2785	0.03%	0.013%
66	12.178	1682	1688	1694	rBV2	6132	10037	0.09%	0.048%
67	12.331	1707	1713	1716	rBV	26971	46718	0.42%	0.225%
68	12.465	1727	1735	1750	rBV	6669619	11069803	100.00%	53.255%
69	12.599	1754	1757	1764	rVV3	5728	11004	0.10%	0.053%
70	12.715	1765	1776	1784	rVV2	727177	1423294	12.86%	6.847%
71	12.952	1803	1815	1820	rBV	153977	260967	2.36%	1.255%
72	13.019	1820	1826	1839	rVB	333291	549904	4.97%	2.645%
73	13.166	1845	1850	1853	rBV5	1143	1929	0.02%	0.009%
74	13.239	1855	1862	1865	rBV	16407	27955	0.25%	0.134%
75	13.355	1876	1881	1887	rBV2	11697	18655	0.17%	0.090%
76	13.464	1891	1899	1907	rVV2	70921	127513	1.15%	0.613%

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Instrument :
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ClientSampleId :
DCNP2

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_W\Method\SFAMWLM022924SMA.M
Title : SFAM01.0

77	13.556	1907	1914	1927	rVB	496582	812817	7.34%	3.910%
78	13.708	1934	1939	1945	rVB	15635	22659	0.20%	0.109%
79	13.849	1954	1962	1975	rBV	262810	429025	3.88%	2.064%
80	13.995	1981	1986	1991	rVB2	13852	20800	0.19%	0.100%
81	14.062	1991	1997	2004	rVB2	5574	9730	0.09%	0.047%
82	14.135	2004	2009	2010	rBV3	816	948	0.01%	0.005%
83	14.196	2017	2019	2024	rVB4	429	426	0.00%	0.002%
84	14.300	2032	2036	2038	rBV3	743	934	0.01%	0.004%
85	14.452	2059	2061	2062	rBV2	183	96	0.00%	0.000%
86	14.617	2086	2088	2090	rBV	183	116	0.00%	0.001%
87	14.714	2100	2104	2110	rVB3	1657	2458	0.02%	0.012%
88	14.769	2110	2113	2117	rBV3	162	255	0.00%	0.001%
89	14.964	2143	2145	2147	rVB2	238	147	0.00%	0.001%
90	15.062	2159	2161	2164	rBV3	294	200	0.00%	0.001%
91	15.226	2181	2188	2193	rBV	20441	33293	0.30%	0.160%
92	15.293	2193	2199	2206	rVB	122517	195259	1.76%	0.939%
93	15.421	2213	2220	2227	rVB3	13258	27431	0.25%	0.132%
94	15.531	2236	2238	2240	rBV3	448	596	0.01%	0.003%
95	15.604	2249	2250	2252	rBV	408	314	0.00%	0.002%
96	15.781	2275	2279	2283	rBV3	845	1268	0.01%	0.006%
97	16.177	2343	2344	2345	rBV	363	194	0.00%	0.001%
98	16.238	2350	2354	2360	rVV7	3440	7197	0.07%	0.035%
99	16.409	2376	2382	2390	rVB2	27483	55703	0.50%	0.268%
100	16.677	2419	2426	2432	rBV7	13771	31608	0.29%	0.152%

Sum of corrected areas: 20786558

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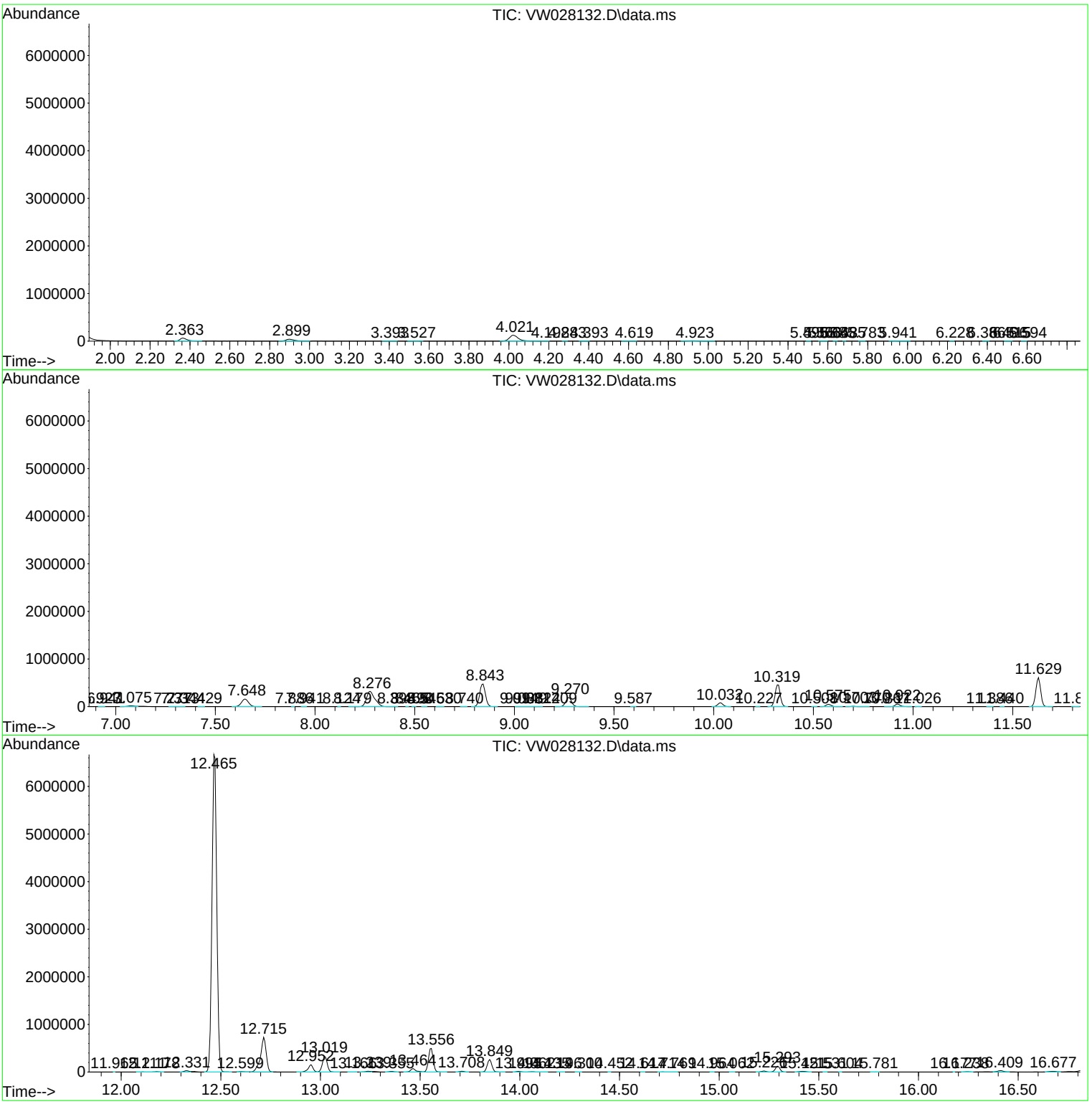
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCNP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
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MSVOA_W
ClientSampleId :
DCNP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0

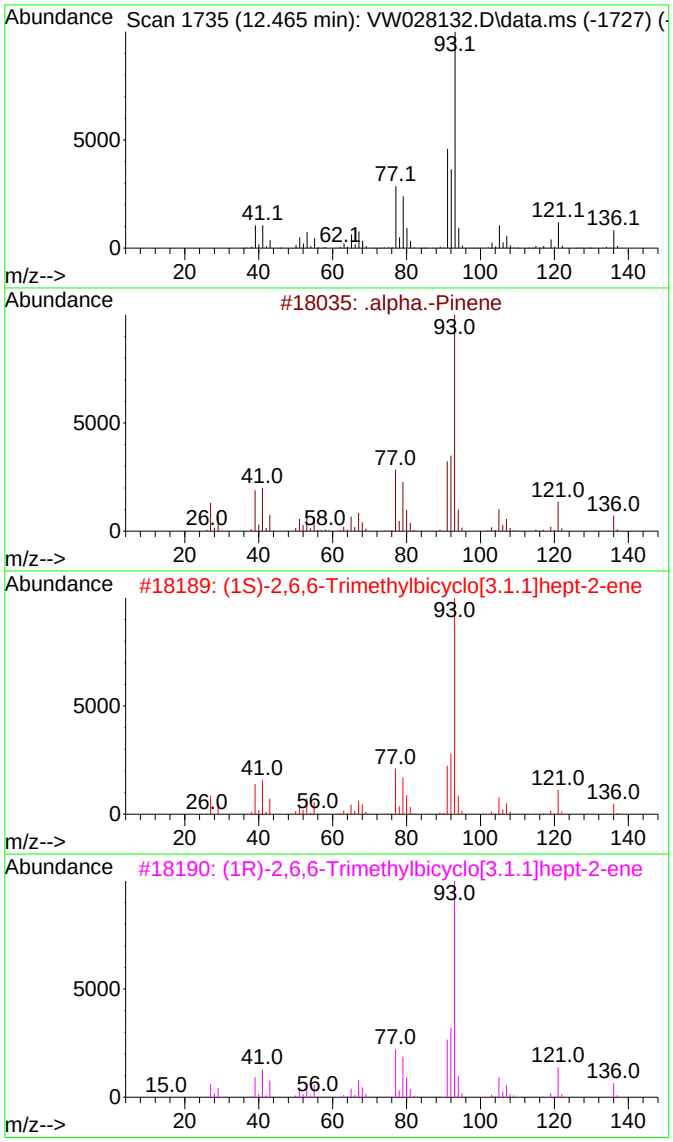
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

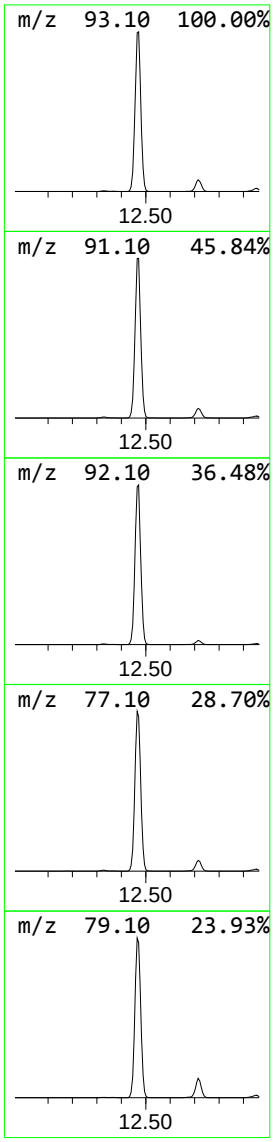
****

Peak Number 2 .alpha.-Pinene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.465	270.49 ug/L	11069800	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	97
2	(1S)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-26-4	95
3	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	94
4	.alpha.-Pinene	136	C10H16	000080-56-8	94
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





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Misc : 4.66g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCNP2

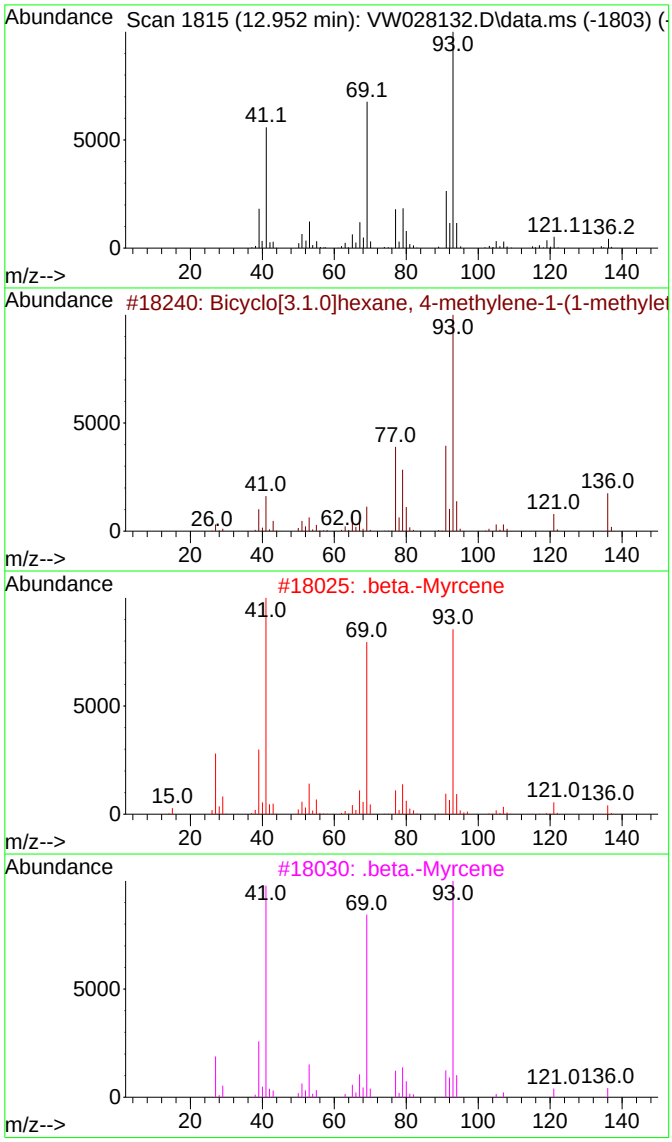
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0

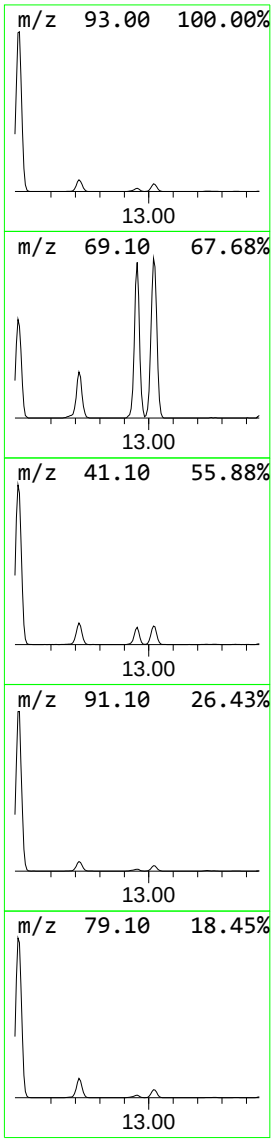
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Bicyclo[3.1.0]hexane, 4-met... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.952	8.03 ug/L	260967	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	93
2	.beta.-Myrcene	136	C10H16	000123-35-3	91
3	.beta.-Myrcene	136	C10H16	000123-35-3	91
4	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	90
5	Bicyclo[3.1.0]hex-2-ene, 4-methy...	136	C10H16	028634-89-1	90





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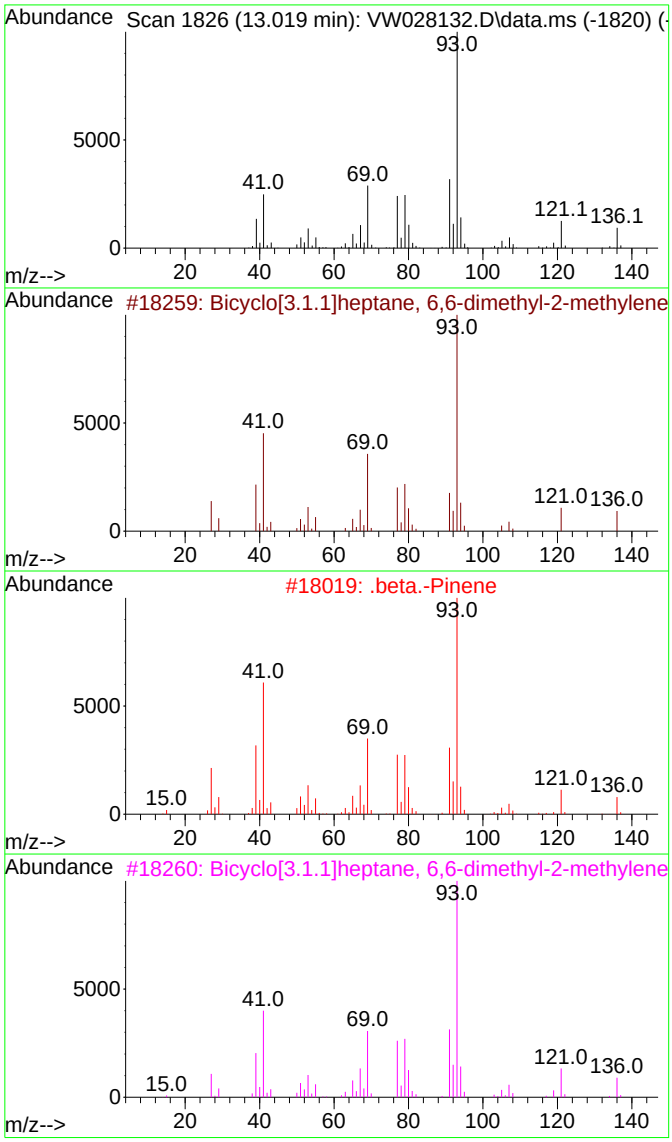
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0

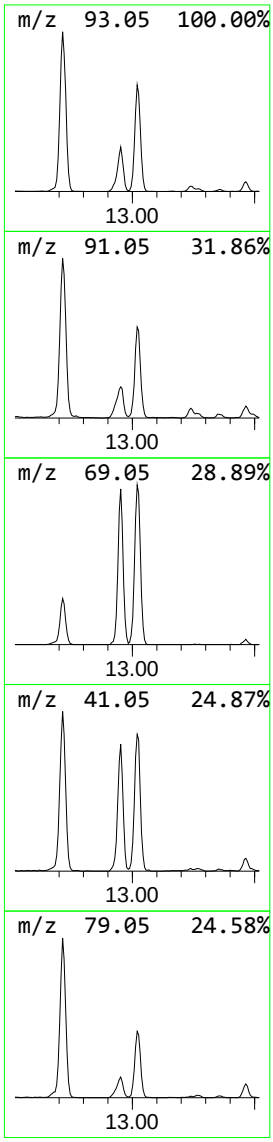
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.019	16.91 ug/L	549904	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	97
2	.beta.-Pinene	136	C10H16	000127-91-3	97
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	96
4	.beta.-Pinene	136	C10H16	000127-91-3	94
5	.alpha.-Pinene	136	C10H16	000080-56-8	93





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Instrument :
MSVOA_W
ClientSampleId :
DCNP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0

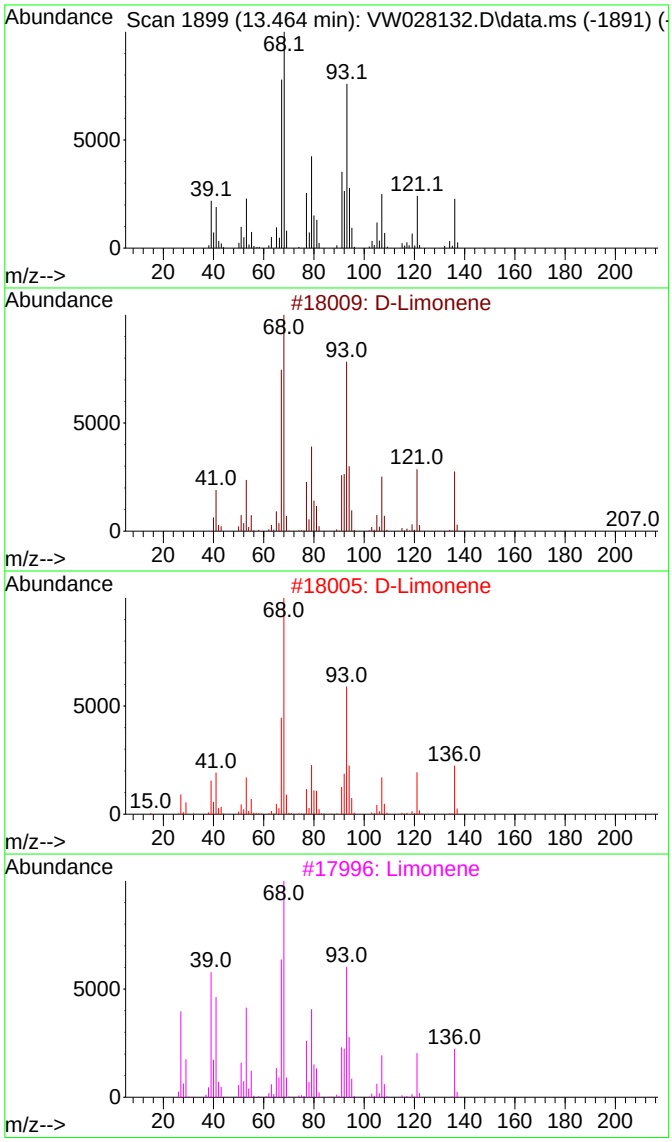
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

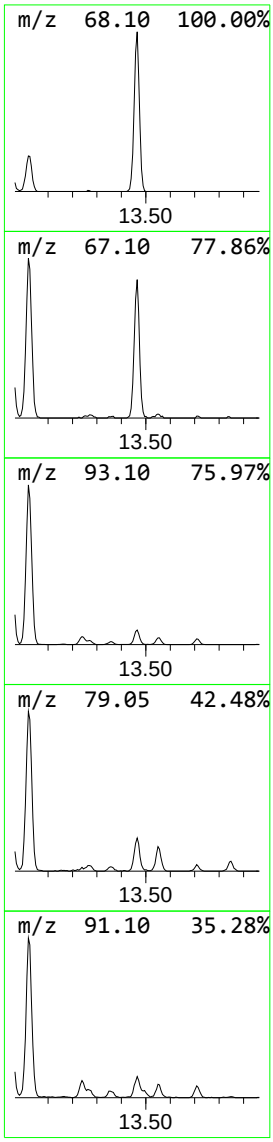
****

Peak Number 5 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.464	3.92 ug/L	127513	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	99
2	D-Limonene	136	C10H16	005989-27-5	94
3	Limonene	136	C10H16	000138-86-3	94
4	D-Limonene	136	C10H16	005989-27-5	93
5	Limonene	136	C10H16	000138-86-3	91





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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCNP2

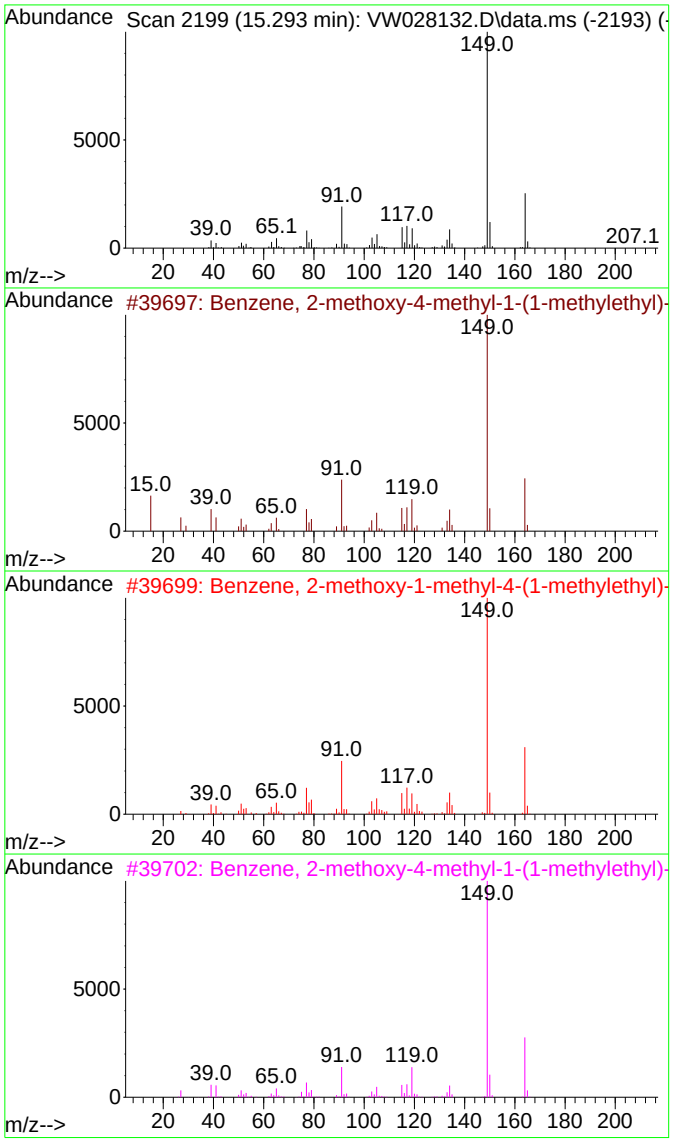
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0

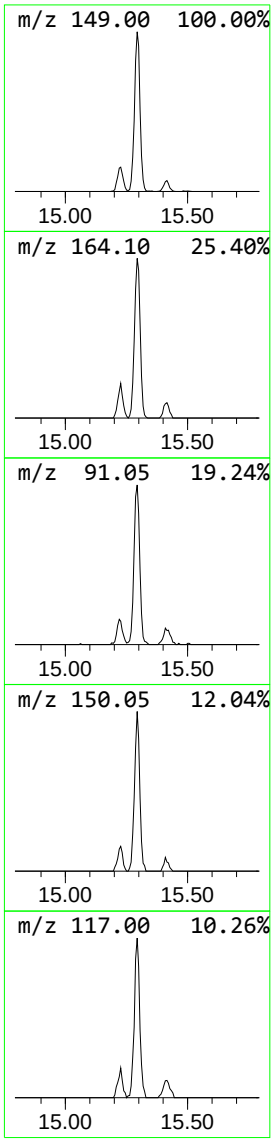
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 2-methoxy-4-methyl... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.293	6.01 ug/L	195259	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	91
2	Benzene, 2-methoxy-1-methyl-4-(1...	164	C11H16O	006379-73-3	91
3	Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	90
4	Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	90
5	Benzene, 1-methoxy-4-methyl-2-(1...	164	C11H16O	031574-44-4	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
Data File : VW028132.D
Acq On : 07 Mar 2024 17:20
Operator : SY/MD
Sample : P1638-10
Misc : 4.66g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCNP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0

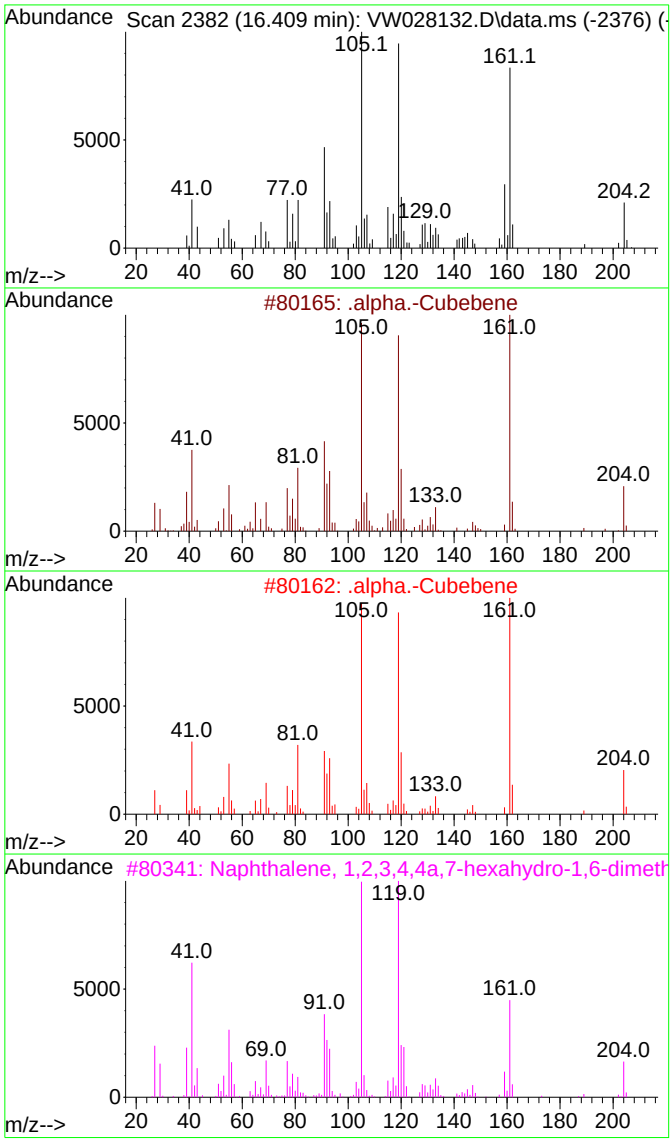
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

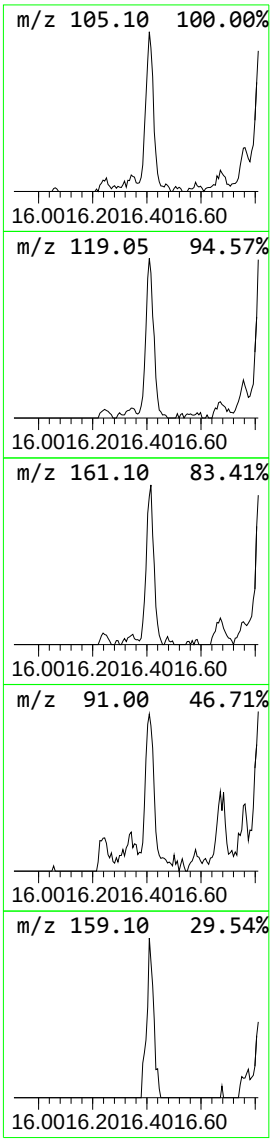
****

Peak Number 7 .alpha.-Cubebene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.409	1.71 ug/L	55703	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Cubebene	204	C15H24	017699-14-8	98
2	.alpha.-Cubebene	204	C15H24	017699-14-8	94
3	Naphthalene, 1,2,3,4,4a,7-hexahy...	204	C15H24	016728-99-7	86
4	cis-muurola-3,5-diene	204	C15H24	1000365-95-4	81
5	.alpha.-Cubebene	204	C15H24	017699-14-8	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030724\
Data File : VW028132.D
Acq On : 07 Mar 2024 17:20
Operator : SY/MD
Sample : P1638-10
Misc : 4.66g/10mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DCNP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022924SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
.alpha.-Pinene	12.465	270.5	ug/L	11069800	2	11.629	1023110	25.0
Bicyclo[3.1.0]h...	12.952	8.0	ug/L	260967	3	13.556	812817	25.0
Bicyclo[3.1.1]h...	13.019	16.9	ug/L	549904	3	13.556	812817	25.0
D-Limonene	13.464	3.9	ug/L	127513	3	13.556	812817	25.0
Benzene, 2-meth...	15.293	6.0	ug/L	195259	3	13.556	812817	25.0
.alpha.-Cubebene	16.409	1.7	ug/L	55703	3	13.556	812817	25.0