LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036116.D
Acq On : 18 Jun 2024 14:07
Operator : SY/MD
Sample : P2909-11
Misc : 5.47g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CP0

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\SFAMVLM053024SMA.M
Title : VOC Analysis

Signal : TIC: VV036116.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	65	72	92	rVB	238520	264780	20.44%	3.463%
2	1.526	144	151	165	rVB	197830	232739	17.97%	3.044%
3	2.047	304	313	330	rVB	381409	547104	42.24%	7.155%
4	2.439	424	435	451	rBV	89284	149640	11.55%	1.957%
5	2.548	466	469	472	rVB3	632	339	0.03%	0.004%
6	2.574	475	477	481	rVB	560	310	0.02%	0.004%
7	2.600	481	485	491	rVB4	469	414	0.03%	0.005%
8	2.696	511	515	517	rBV3	851	778	0.06%	0.010%
9	2.957	583	596	617	rBV3	8765	20264	1.56%	0.265%
10	3.085	634	636	642	rBV3	353	379	0.03%	0.005%
11	3.188	663	668	674	rVV3	469	426	0.03%	0.006%
12	3.658	810	814	817	rBV	458	377	0.03%	0.005%
13	3.831	856	868	870	rBV2	17941	22615	1.75%	0.296%
14	4.240	975	995	1027	rBV	220235	589822	45.53%	7.713%
15	4.693	1132	1136	1139	rVV2	368	327	0.03%	0.004%
16	4.880	1191	1194	1199	rBV3	432	392	0.03%	0.005%
17	4.947	1200	1215	1250	rBV2	506850	1295349	100.00%	16.940%
18	5.291	1318	1322	1326	rVV3	381	397	0.03%	0.005%
19	5.471	1374	1378	1379	rBV2	537	308	0.02%	0.004%
20	5.529	1383	1396	1434	rBV	372533	809913	62.52%	10.592%
21	5.757	1466	1467	1472	rVB3	589	357	0.03%	0.005%
22	5.825	1479	1488	1505	rBV3	11312	26250	2.03%	0.343%
23	5.982	1525	1537	1567	rBV	294355	626768	48.39%	8.197%
24	6.201	1602	1605	1607	rBV3	809	520	0.04%	0.007%
25	6.294	1631	1634	1637	rBV3	492	327	0.03%	0.004%
26	6.494	1692	1696	1701	rBV2	333	392	0.03%	0.005%
27	6.526	1703	1706	1712	rVV3	591	636	0.05%	0.008%
28	6.577	1716	1722	1724	rVV4	456	423	0.03%	0.006%
29	6.767	1778	1781	1785	rVB3	511	329	0.03%	0.004%
30	6.831	1798	1801	1806	rVB4	331	295	0.02%	0.004%
31	6.912	1815	1826	1858	rBV	106187	215284	16.62%	2.815%
32	7.143	1896	1898	1900	rBV2	525	339	0.03%	0.004%
33	7.175	1904	1908	1911	rBV4	681	592	0.05%	0.008%
34	7.240	1916	1928	1954	rBV	415244	755324	58.31%	9.878%
35	7.555	2017	2026	2053	rVV	65334	133616	10.32%	1.747%
36	7.760	2087	2090	2092	rVV2	485	362	0.03%	0.005%

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CP0

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\SFAMVLM053024SMA.M
Title : VOC Analysis

37	7.773	2092	2094	2098	rVV4	524	407	0.03%	0.005%
38	7.873	2114	2125	2133	rBV	6489	11061	0.85%	0.145%
39	7.986	2155	2160	2163	rVB4	520	362	0.03%	0.005%
40	8.034	2163	2175	2221	rBV	70688	185780	14.34%	2.430%
41	8.477	2307	2313	2317	rBV5	490	583	0.05%	0.008%
42	8.526	2324	2328	2331	rBV2	603	468	0.04%	0.006%
43	8.596	2346	2350	2353	rVB4	659	525	0.04%	0.007%
44	8.667	2367	2372	2374	rBV2	394	332	0.03%	0.004%
45	8.783	2395	2408	2438	rBV	403779	701272	54.14%	9.171%
46	9.011	2472	2479	2486	rBV5	1936	3062	0.24%	0.040%
47	9.690	2686	2690	2691	rBV2	518	326	0.03%	0.004%
48	9.802	2721	2725	2727	rBV3	398	376	0.03%	0.005%
49	9.834	2727	2735	2746	rVV3	6498	10531	0.81%	0.138%
50	9.886	2749	2751	2755	rVB2	714	360	0.03%	0.005%
51	10.063	2796	2806	2813	rBV5	2487	3770	0.29%	0.049%
52	10.149	2823	2833	2855	rVV	160123	266173	20.55%	3.481%
53	10.323	2875	2887	2899	rVB2	29345	49229	3.80%	0.644%
54	10.461	2925	2930	2933	rBV3	559	504	0.04%	0.007%
55	10.506	2938	2944	2946	rBV5	1852	1815	0.14%	0.024%
56	10.628	2977	2982	2984	rBV3	411	389	0.03%	0.005%
57	10.712	3003	3008	3010	rBV4	662	515	0.04%	0.007%
58	10.770	3021	3026	3027	rBV3	644	506	0.04%	0.007%
59	10.854	3045	3052	3064	rVB6	3365	5940	0.46%	0.078%
60	10.969	3081	3088	3097	rBV7	1772	3157	0.24%	0.041%
61	11.018	3098	3103	3104	rBV2	382	288	0.02%	0.004%
62	11.027	3104	3106	3112	rBV3	346	301	0.02%	0.004%
63	11.082	3114	3123	3130	rBV5	5263	8288	0.64%	0.108%
64	11.130	3132	3138	3145	rVB8	3779	4993	0.39%	0.065%
65	11.185	3145	3155	3174	rBV	199681	325445	25.12%	4.256%
66	11.326	3193	3199	3204	rBV4	3803	4592	0.35%	0.060%
67	11.497	3240	3252	3261	rBV7	8521	18731	1.45%	0.245%
68	11.561	3262	3272	3290	rVB	151737	252131	19.46%	3.297%
69	11.725	3316	3323	3332	rVB8	2531	4304	0.33%	0.056%
70	11.783	3333	3341	3346	rBV7	2811	4537	0.35%	0.059%
71	11.857	3362	3364	3372	rVB6	1133	1112	0.09%	0.015%
72	11.889	3372	3374	3375	rBV2	620	308	0.02%	0.004%
73	12.088	3433	3436	3439	rBV3	677	369	0.03%	0.005%
74	12.191	3456	3468	3476	rBV2	11925	19570	1.51%	0.256%
75	12.300	3495	3502	3511	rBV8	3633	6301	0.49%	0.082%
76	12.435	3541	3544	3547	rBV3	425	344	0.03%	0.004%

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Instrument :
MSVOA_V
ClientSampleId :
A4CP0

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\SFAMVLM053024SMA.M
Title : VOC Analysis

77	12.526	3568	3572	3573	rBV2	487	430	0.03%	0.006%
78	12.616	3592	3600	3608	rBV5	6081	10106	0.78%	0.132%
79	12.783	3649	3652	3655	rBV3	948	769	0.06%	0.010%
80	12.831	3661	3667	3674	rVB8	2786	4035	0.31%	0.053%
81	12.870	3674	3679	3683	rVB3	475	584	0.05%	0.008%
82	12.972	3709	3711	3715	rBV3	498	336	0.03%	0.004%
83	13.095	3741	3749	3762	rVB4	11185	18442	1.42%	0.241%
84	13.210	3780	3785	3788	rBV5	890	809	0.06%	0.011%
85	13.226	3788	3790	3793	rVB2	505	287	0.02%	0.004%
86	13.361	3829	3832	3833	rBV2	568	340	0.03%	0.004%
87	13.407	3843	3846	3851	rBV3	473	418	0.03%	0.005%
88	13.458	3857	3862	3872	rVV7	1871	3290	0.25%	0.043%
89	13.513	3876	3879	3880	rBV2	533	322	0.02%	0.004%
90	13.580	3898	3900	3903	rVB3	610	323	0.02%	0.004%
91	13.686	3929	3933	3940	rVB5	1298	1420	0.11%	0.019%
92	13.821	3971	3975	3977	rBV3	663	601	0.05%	0.008%
93	13.979	4020	4024	4025	rBV2	1671	1120	0.09%	0.015%
94	14.066	4049	4051	4053	rBV2	536	290	0.02%	0.004%
95	14.130	4067	4071	4076	rBV4	822	830	0.06%	0.011%
96	14.220	4096	4099	4101	rBV3	679	350	0.03%	0.005%
97	14.291	4115	4121	4124	rBV6	732	825	0.06%	0.011%
98	14.326	4130	4132	4136	rBV2	483	353	0.03%	0.005%
99	14.590	4210	4214	4216	rBV3	1054	754	0.06%	0.010%
100	14.786	4269	4275	4279	rBV5	1653	2147	0.17%	0.028%

Sum of corrected areas: 7646725

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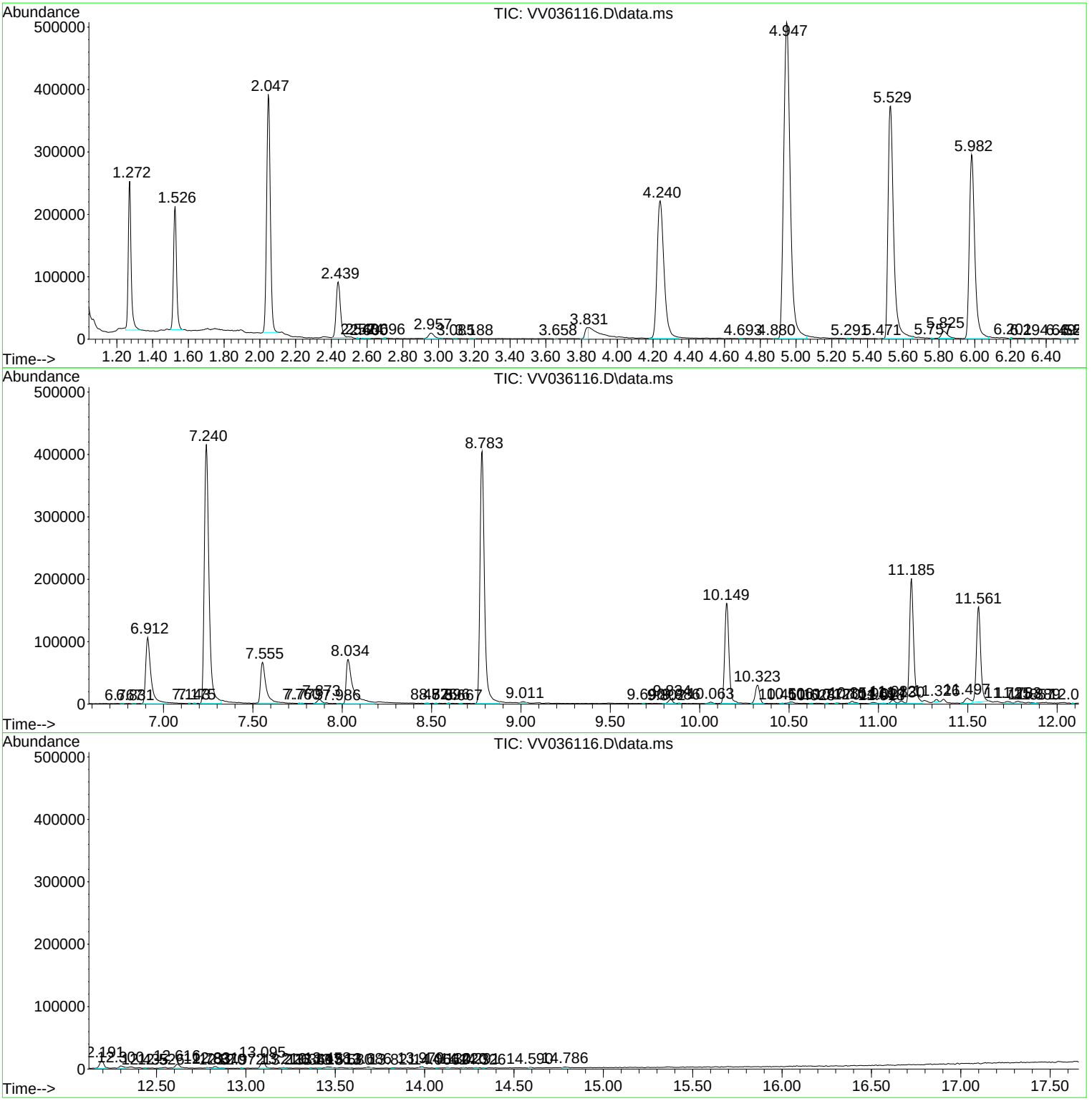
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CP0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CP0

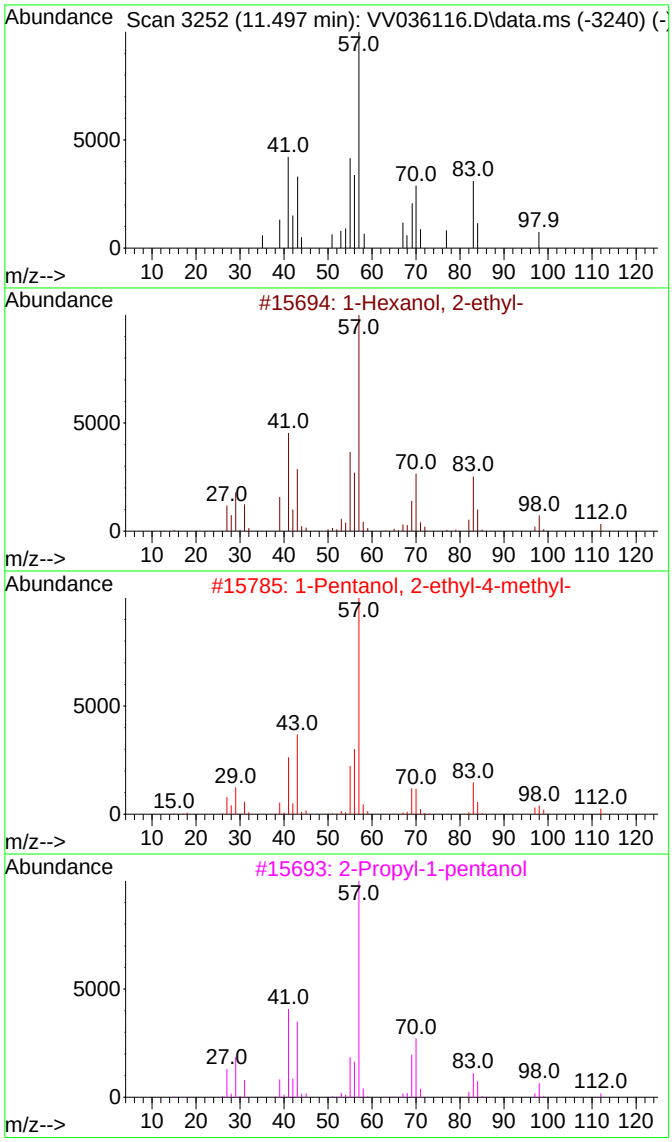
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

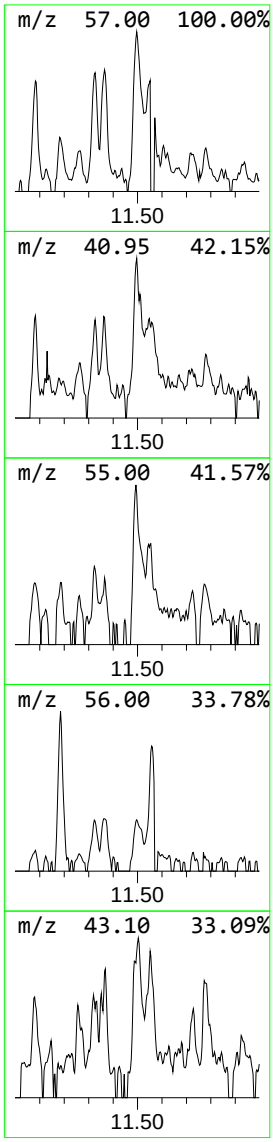
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.497	1.44 ug/L	18731	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53
2	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	53
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	43
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	40
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	38





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CP0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

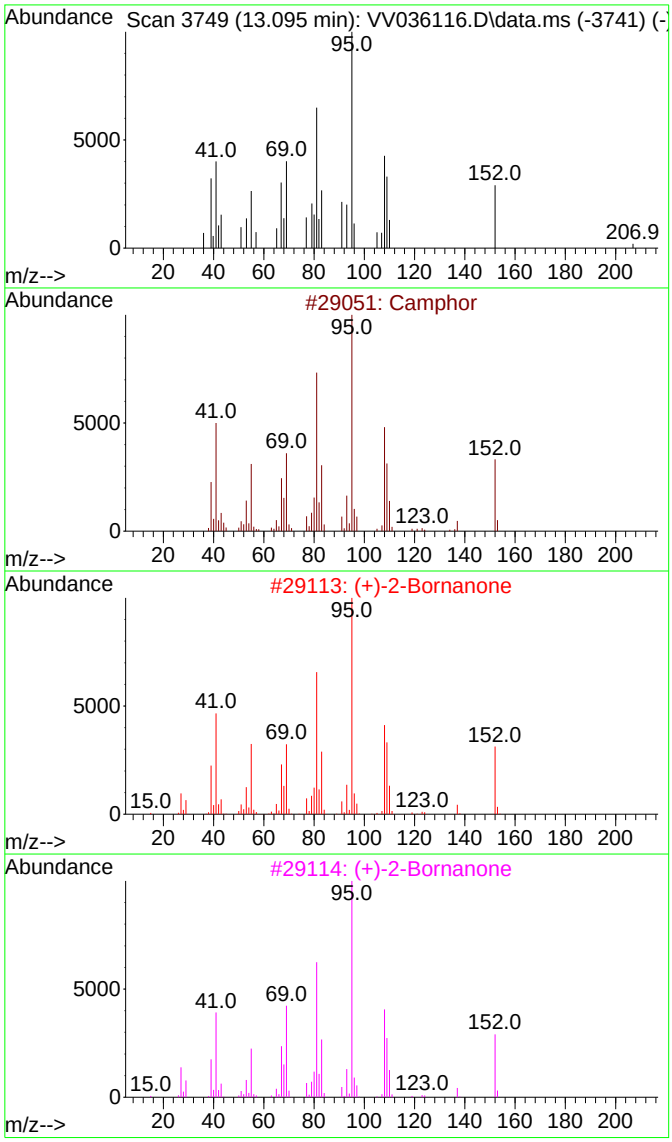
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

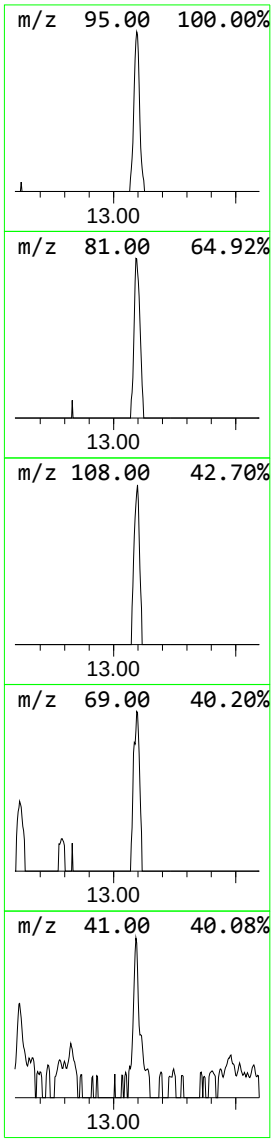
****

Peak Number 5 Camphor Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.095	1.42 ug/L	18442	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphor	152	C10H16O	000076-22-2	96
2	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	96
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	95
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	95





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.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
1-Hexanol, 2-et...	11.497	1.4	ug/L	18731	3	11.185	325445	25.0
Camphor	13.095	1.4	ug/L	18442	3	11.185	325445	25.0