LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061924\
Data File : VV036148.D
Acq On : 19 Jun 2024 19:24
Operator : SY/MD
Sample : P2909-11RE
Misc : 5.64g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : A4CP0RE

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: VV036148.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	66	72	89	rVB	187621	206648	20.23%	3.686%
2	1.526	145	151	163	rVB	159931	192718	18.87%	3.438%
3	2.050	305	314	336	rVB	319046	476393	46.64%	8.498%
4	2.960	587	597	615	rVB3	12142	25386	2.49%	0.453%
5	3.066	628	630	634	rVB3	364	140	0.01%	0.002%
6	3.143	650	654	655	rBV	305	196	0.02%	0.003%
7	3.301	700	703	706	rBV3	326	267	0.03%	0.005%
8	3.461	749	753	755	rBV2	205	125	0.01%	0.002%
9	3.474	755	757	760	rBV	324	141	0.01%	0.003%
10	3.513	765	769	771	rBV2	151	127	0.01%	0.002%
11	3.548	777	780	782	rBV2	326	192	0.02%	0.003%
12	3.616	796	801	802	rBV3	236	226	0.02%	0.004%
13	3.674	817	819	821	rVB	218	96	0.01%	0.002%
14	3.696	823	826	827	rBV	270	145	0.01%	0.003%
15	3.732	835	837	840	rBV	271	156	0.02%	0.003%
16	3.757	842	845	847	rBV3	428	257	0.03%	0.005%
17	3.879	871	883	886	rBV4	8722	18357	1.80%	0.327%
18	4.243	982	996	1028	rBV	181042	474424	46.45%	8.463%
19	4.760	1155	1157	1161	rBV2	272	185	0.02%	0.003%
20	4.796	1161	1168	1169	rBV2	344	363	0.04%	0.006%
21	4.831	1175	1179	1180	rBV	159	105	0.01%	0.002%
22	4.850	1180	1185	1187	rBV2	340	351	0.03%	0.006%
23	4.892	1195	1198	1201	rVB	294	211	0.02%	0.004%
24	4.950	1201	1216	1252	rBV2	387243	1021451	100.00%	18.221%
25	5.368	1345	1346	1349	rBV	366	245	0.02%	0.004%
26	5.413	1356	1360	1361	rBV2	347	250	0.02%	0.004%
27	5.448	1369	1371	1372	rBV2	192	80	0.01%	0.001%
28	5.461	1373	1375	1377	rVV	334	177	0.02%	0.003%
29	5.532	1386	1397	1430	rBV	303142	653367	63.96%	11.655%
30	5.834	1479	1491	1502	rBV4	9233	20738	2.03%	0.370%
31	5.985	1525	1538	1565	rBV	245476	519216	50.83%	9.262%
32	6.236	1614	1616	1620	rBV3	673	307	0.03%	0.005%
33	6.307	1637	1638	1641	rBV2	255	142	0.01%	0.003%
34	6.493	1692	1696	1697	rBV2	417	289	0.03%	0.005%
35	6.548	1710	1713	1719	rVB2	228	194	0.02%	0.003%
36	6.577	1719	1722	1724	rBV	174	119	0.01%	0.002%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061924\
Data File : VV036148.D
Acq On : 19 Jun 2024 19:24
Operator : SY/MD
Sample : P2909-11RE
Misc : 5.64g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CP0RE

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	6.635	1737	1740	1742	rBV3	446	286	0.03%	0.005%
38	6.657	1745	1747	1750	rVV2	370	166	0.02%	0.003%
39	6.686	1751	1756	1763	rVB4	556	556	0.05%	0.010%
40	6.715	1763	1765	1767	rBV	473	279	0.03%	0.005%
41	6.744	1771	1774	1777	rBV4	389	192	0.02%	0.003%
42	6.802	1785	1792	1795	rVB2	655	509	0.05%	0.009%
43	6.818	1796	1797	1799	rVB	222	82	0.01%	0.001%
44	6.844	1799	1805	1808	rBV3	390	405	0.04%	0.007%
45	6.873	1813	1814	1816	rBV	161	86	0.01%	0.002%
46	6.921	1820	1829	1851	rBV	25895	57372	5.62%	1.023%
47	7.133	1891	1895	1901	rVB4	436	406	0.04%	0.007%
48	7.162	1901	1904	1908	rVB3	672	443	0.04%	0.008%
49	7.182	1908	1910	1912	rBV	263	147	0.01%	0.003%
50	7.243	1916	1929	1955	rBV	290577	537719	52.64%	9.592%
51	7.564	2021	2029	2051	rBV	16940	38096	3.73%	0.680%
52	7.815	2105	2107	2110	rVB	350	123	0.01%	0.002%
53	7.834	2111	2113	2116	rBV	484	348	0.03%	0.006%
54	7.873	2116	2125	2131	rBV3	6813	12003	1.18%	0.214%
55	7.998	2162	2164	2165	rBV	224	81	0.01%	0.001%
56	8.046	2171	2179	2205	rBV7	17760	59365	5.81%	1.059%
57	8.551	2334	2336	2339	rBV	365	188	0.02%	0.003%
58	8.571	2340	2342	2343	rBV	332	95	0.01%	0.002%
59	8.673	2368	2374	2375	rBV3	557	545	0.05%	0.010%
60	8.715	2384	2387	2390	rBV2	559	364	0.04%	0.006%
61	8.783	2398	2408	2435	rBV	280150	484684	47.45%	8.646%
62	9.230	2544	2547	2549	rBV2	462	288	0.03%	0.005%
63	9.291	2564	2566	2571	rBV2	347	215	0.02%	0.004%
64	9.329	2575	2578	2581	rBV2	248	156	0.02%	0.003%
65	9.410	2600	2603	2604	rBV2	597	312	0.03%	0.006%
66	9.648	2675	2677	2678	rBV2	159	72	0.01%	0.001%
67	9.657	2678	2680	2681	rBV	194	74	0.01%	0.001%
68	9.683	2686	2688	2690	rVV2	263	126	0.01%	0.002%
69	9.706	2693	2695	2698	rBV2	227	96	0.01%	0.002%
70	9.741	2702	2706	2710	rBV2	387	337	0.03%	0.006%
71	9.767	2710	2714	2715	rBV2	379	242	0.02%	0.004%
72	9.837	2726	2736	2744	rBV6	1691	2947	0.29%	0.053%
73	9.870	2744	2746	2751	rBV3	578	495	0.05%	0.009%
74	9.921	2760	2762	2765	rVB	299	115	0.01%	0.002%
75	9.940	2766	2768	2771	rBV	300	168	0.02%	0.003%
76	9.956	2771	2773	2776	rBV3	391	291	0.03%	0.005%

LSC Area Percent Report

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Sample : P2909-11RE
Misc : 5.64g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CP0RE

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

77	10.024	2791	2794	2797	rBV2	286	256	0.03%	0.005%
78	10.056	2801	2804	2805	rBV3	958	555	0.05%	0.010%
79	10.152	2824	2834	2857	rBV	148413	236373	23.14%	4.216%
80	10.323	2875	2887	2900	rVB	26725	42884	4.20%	0.765%
81	10.394	2906	2909	2911	rBV3	357	236	0.02%	0.004%
82	10.683	2997	2999	3003	rBV2	492	331	0.03%	0.006%
83	10.722	3004	3011	3015	rBV5	1573	2218	0.22%	0.040%
84	10.853	3043	3052	3063	rVB7	3567	5872	0.57%	0.105%
85	10.905	3067	3068	3071	rVB	293	130	0.01%	0.002%
86	10.972	3085	3089	3095	rVB5	1297	1237	0.12%	0.022%
87	11.040	3107	3110	3111	rBV2	466	275	0.03%	0.005%
88	11.082	3115	3123	3133	rVV8	5079	8393	0.82%	0.150%
89	11.188	3146	3156	3173	rBV	114368	192753	18.87%	3.438%
90	11.490	3242	3250	3261	rBV3	13521	29096	2.85%	0.519%
91	11.561	3264	3272	3292	rVB	97532	162017	15.86%	2.890%
92	12.191	3463	3468	3479	rVB	11059	16246	1.59%	0.290%
93	12.307	3496	3504	3511	rBV6	2292	3953	0.39%	0.071%
94	12.619	3594	3601	3611	rVB5	6091	9385	0.92%	0.167%
95	12.831	3661	3667	3676	rVB7	2805	4109	0.40%	0.073%
96	13.094	3741	3749	3758	rBV5	7050	11274	1.10%	0.201%
97	13.185	3775	3777	3779	rBV3	426	252	0.02%	0.004%
98	13.442	3848	3857	3877	rVB	34440	62920	6.16%	1.122%
99	13.805	3967	3970	3972	rBV	612	372	0.04%	0.007%
100	14.204	4089	4094	4095	rBV3	774	639	0.06%	0.011%

Sum of corrected areas: 5606034

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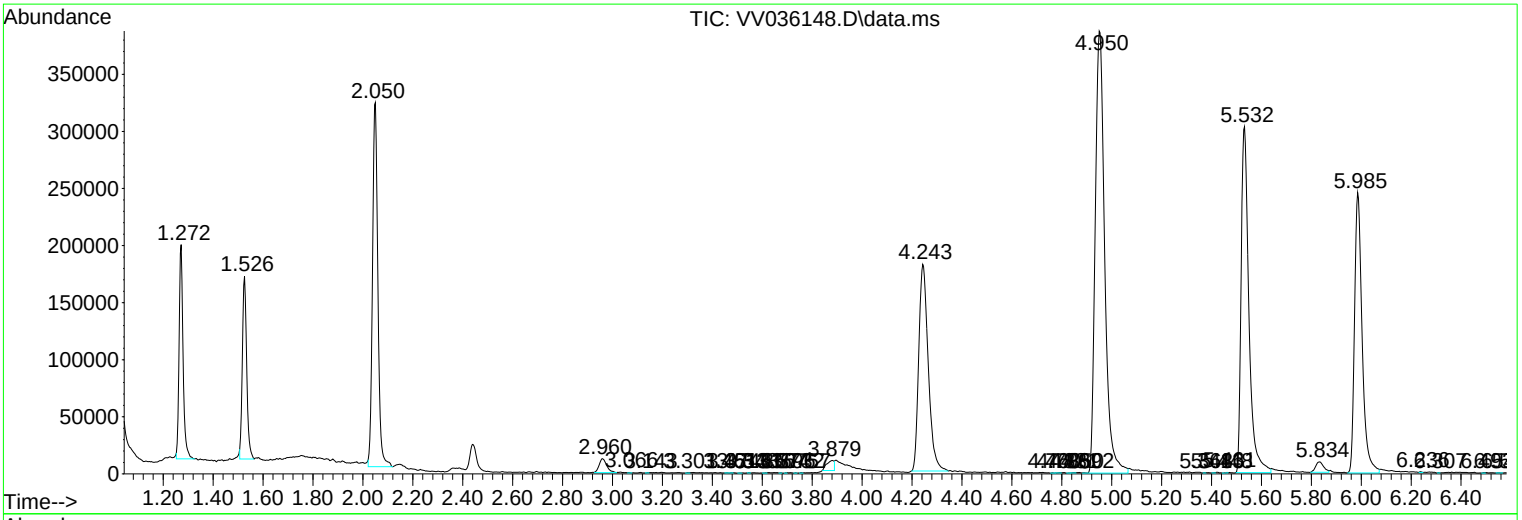
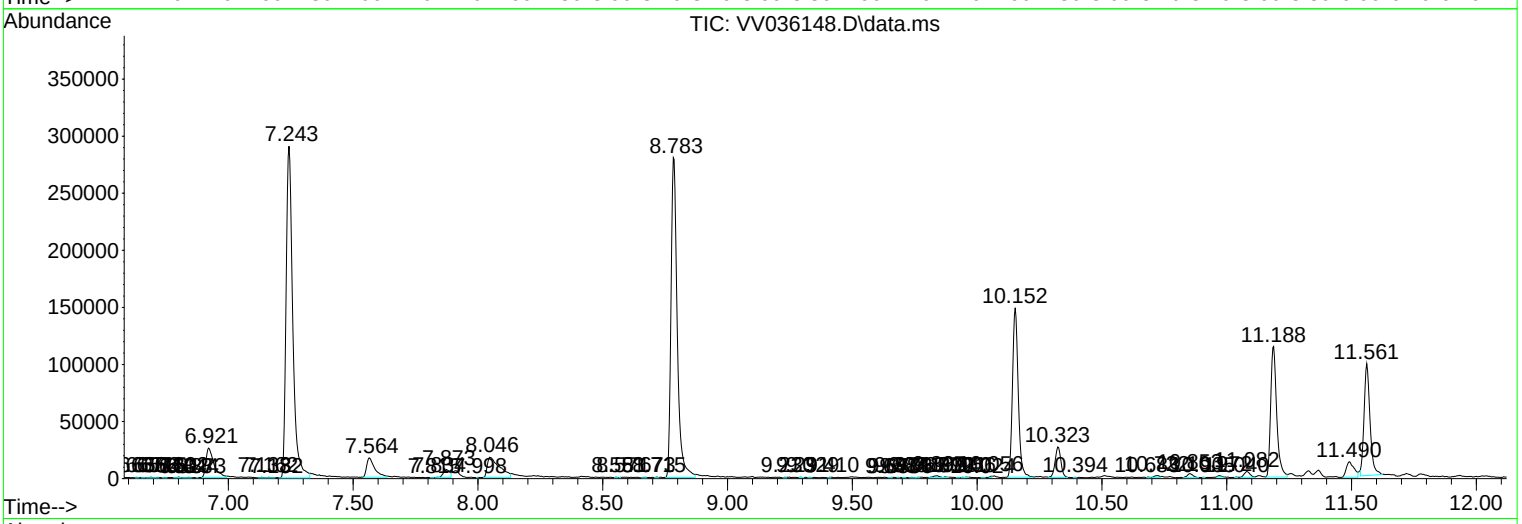
Misc : 5.64g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 21 Sample Multiplier: 1

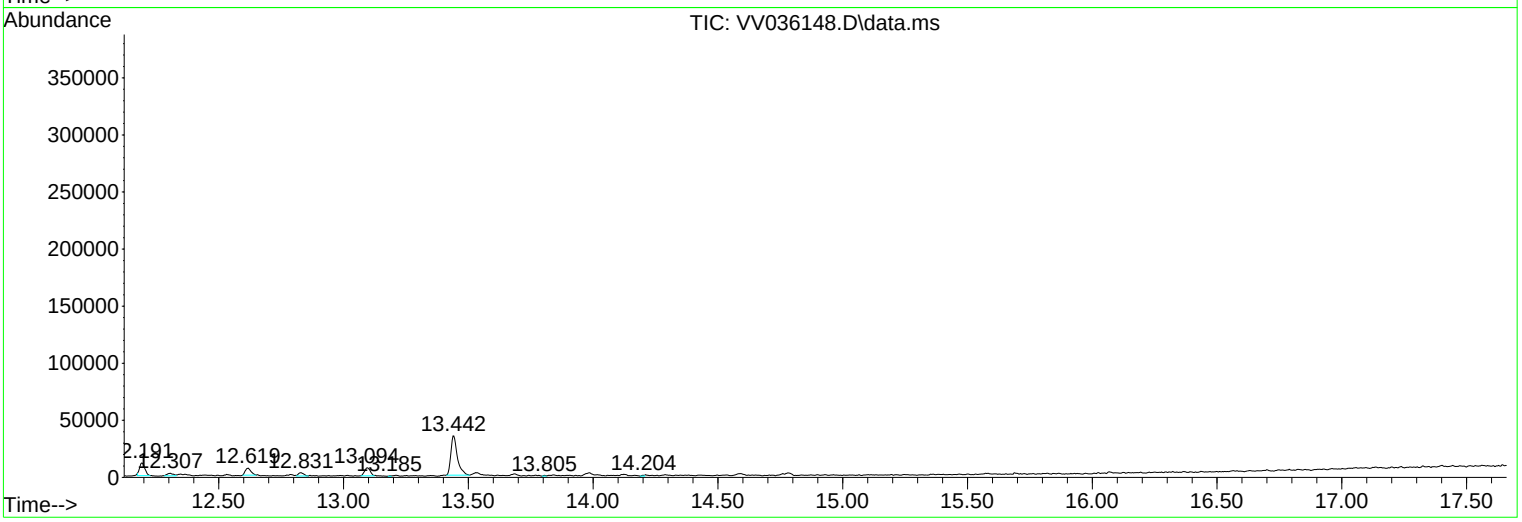
Instrument :
MSVOA_V
ClientSampleId :
A4CP0RE

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







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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CP0RE

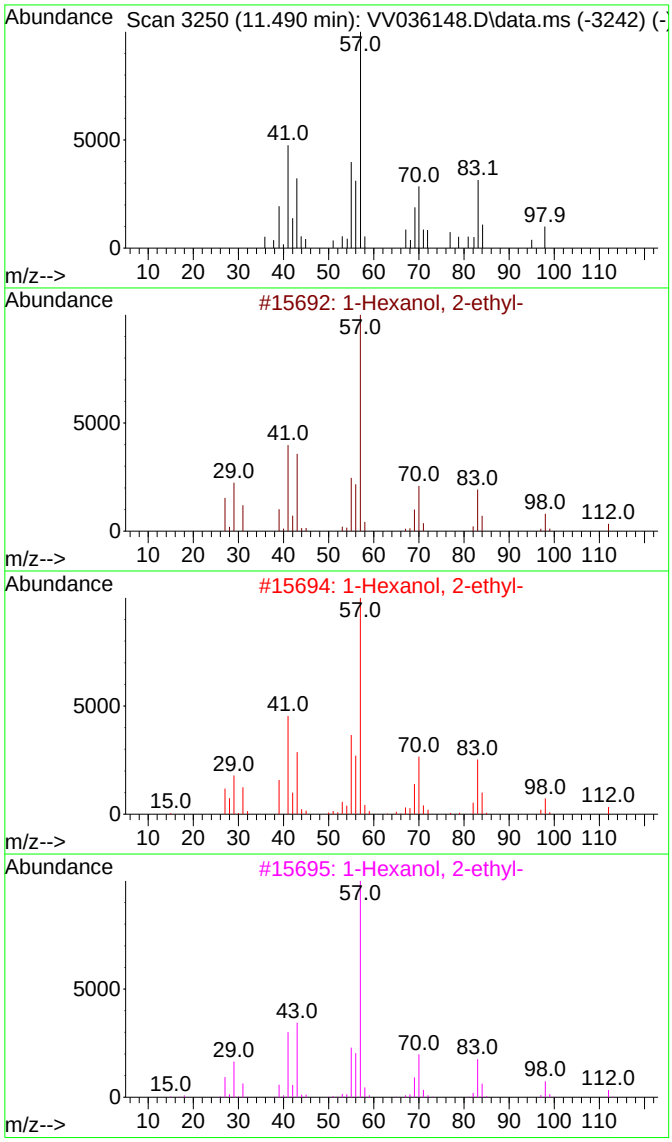
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

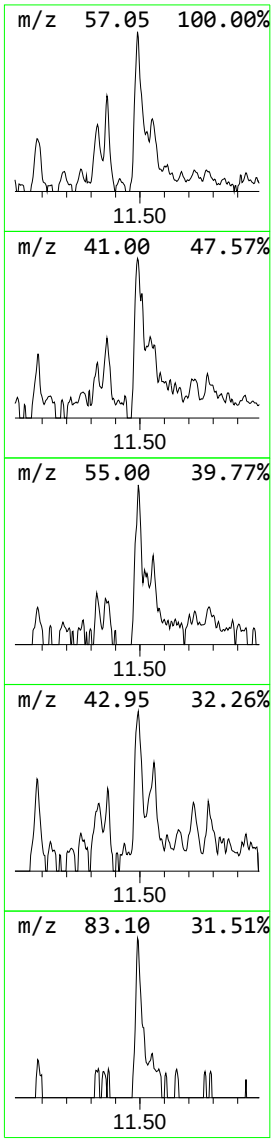
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.490	3.77 ug/L	29096	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64





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Instrument :
MSVOA_V
ClientSampleId :
A4CP0RE

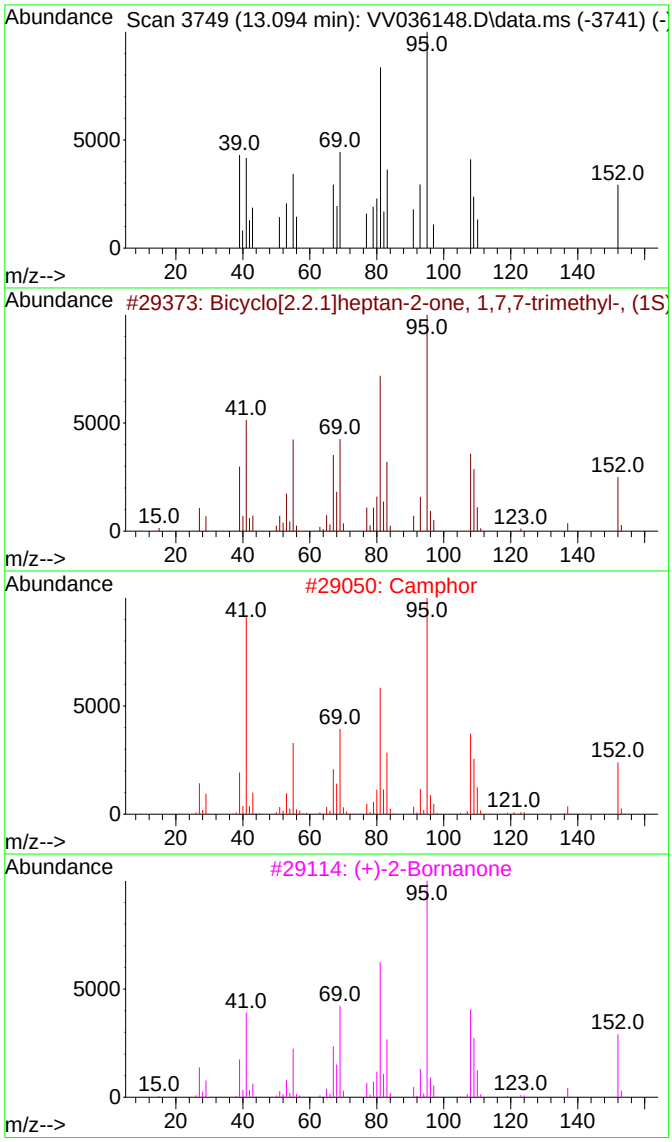
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

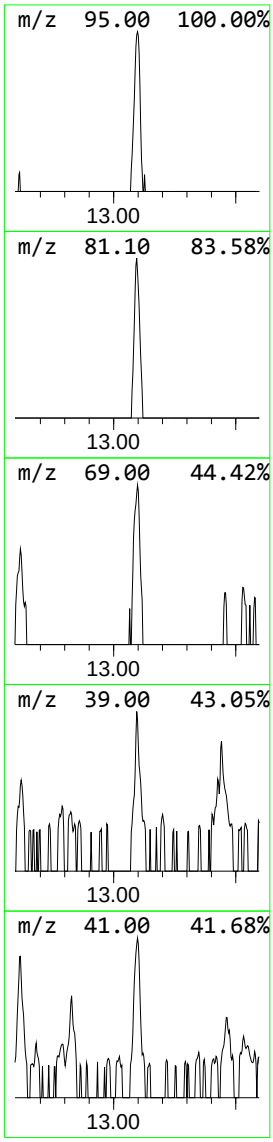
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Bicyclo[2.2.1]heptan-2-one,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.095	1.46 ug/L	11274	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	90
2	Camphor	152	C10H16O	000076-22-2	90
3	(+)-2-Bornanone	152	C10H16O	000464-49-3	90
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	90
5	Bicyclo[2.2.1]heptan-2-one, 1,7,...	152	C10H16O	000464-48-2	90





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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A4CP0RE

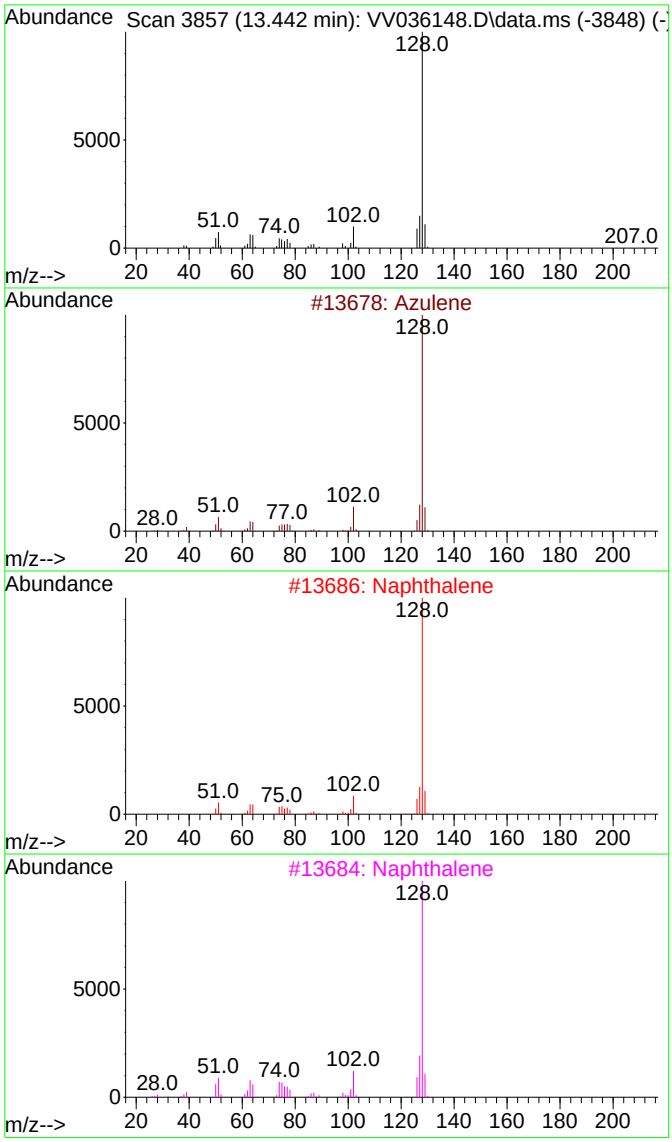
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

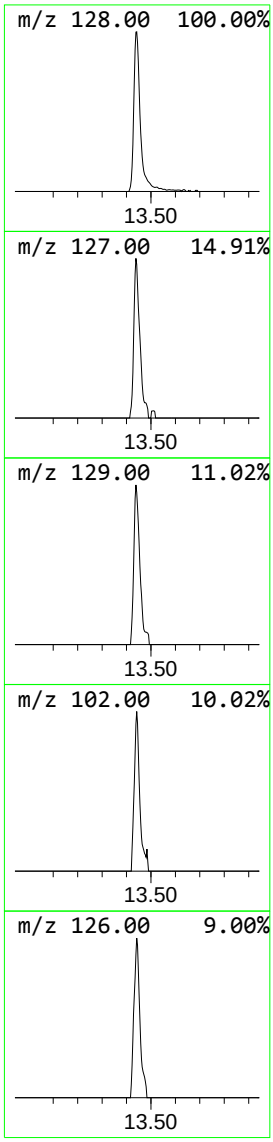
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Azulene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.442	8.16 ug/L	62920	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene	128	C10H8	000275-51-4	95
2	Naphthalene	128	C10H8	000091-20-3	95
3	Naphthalene	128	C10H8	000091-20-3	94
4	1H-Indene, 1-methylene-	128	C10H8	002471-84-3	91
5	Azulene	128	C10H8	000275-51-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061924\
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ClientSampleId :
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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...	11.490	3.8	ug/L	29096	3	11.188	192753	25.0
Bicyclo[2.2.1]h...	13.095	1.5	ug/L	11274	3	11.188	192753	25.0
Azulene	13.442	8.2	ug/L	62920	3	11.188	192753	25.0