LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061824\
Data File : VV036123.D
Acq On : 18 Jun 2024 16:49
Operator : SY/MD
Sample : P2873-19
Misc : 2.83g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SK8

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: VV036123.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	91	rVB	274347	298786	5.20%	1.257%
2	1.526	144	151	165	rVB	231825	275465	4.79%	1.159%
3	2.050	304	314	332	rBV	485614	691648	12.04%	2.910%
4	2.442	425	436	458	rVV	90369	154658	2.69%	0.651%
5	2.552	460	470	486	rVB	6173	13896	0.24%	0.058%
6	2.690	511	513	516	rBV2	717	503	0.01%	0.002%
7	2.841	554	560	563	rVB2	729	674	0.01%	0.003%
8	2.873	563	570	572	rBV4	776	836	0.01%	0.004%
9	2.960	586	597	613	rBV	32366	64922	1.13%	0.273%
10	3.105	640	642	649	rVB5	639	549	0.01%	0.002%
11	3.240	682	684	688	rVV2	467	305	0.01%	0.001%
12	3.269	691	693	697	rBV2	638	390	0.01%	0.002%
13	3.667	812	817	818	rBV3	615	396	0.01%	0.002%
14	3.828	856	867	907	rBV3	46019	212275	3.69%	0.893%
15	4.243	980	996	1028	rBV	313857	825727	14.37%	3.474%
16	4.661	1121	1126	1131	rBV	8878	5539	0.10%	0.023%
17	4.719	1141	1144	1146	rBV3	530	373	0.01%	0.002%
18	4.790	1163	1166	1169	rBV3	480	350	0.01%	0.001%
19	4.815	1169	1174	1177	rVV3	344	402	0.01%	0.002%
20	4.950	1199	1216	1257	rBV2	753366	1941626	33.79%	8.168%
21	5.317	1326	1330	1333	rBV3	883	677	0.01%	0.003%
22	5.410	1354	1359	1363	rBV5	844	789	0.01%	0.003%
23	5.468	1372	1377	1378	rBV4	618	383	0.01%	0.002%
24	5.532	1385	1397	1444	rBV	631531	1335950	23.25%	5.620%
25	5.825	1476	1488	1519	rBV4	49287	116325	2.02%	0.489%
26	5.986	1525	1538	1577	rBV	445320	934350	16.26%	3.931%
27	6.262	1621	1624	1626	rVB	856	409	0.01%	0.002%
28	6.281	1626	1630	1633	rBV5	1118	1001	0.02%	0.004%
29	6.301	1633	1636	1642	rVV5	1070	1052	0.02%	0.004%
30	6.326	1642	1644	1648	rVB3	909	529	0.01%	0.002%
31	6.391	1662	1664	1667	rVB2	579	314	0.01%	0.001%
32	6.413	1667	1671	1673	rBV4	574	437	0.01%	0.002%
33	6.597	1716	1728	1730	rBV3	3260	4600	0.08%	0.019%
34	6.651	1742	1745	1749	rBV4	668	493	0.01%	0.002%
35	6.690	1755	1757	1760	rVB2	489	315	0.01%	0.001%
36	6.751	1774	1776	1782	rVB	768	486	0.01%	0.002%

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Instrument :
MSVOA_V
ClientSampleId :
C0SK8

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

37	6.828	1797	1800	1808	rVB3	348	340	0.01%	0.001%
38	6.912	1813	1826	1851	rBV	209432	404161	7.03%	1.700%
39	7.198	1910	1915	1916	rBV3	641	532	0.01%	0.002%
40	7.240	1917	1928	1950	rBV	797663	1419759	24.71%	5.973%
41	7.439	1987	1990	1994	rBV3	1016	914	0.02%	0.004%
42	7.551	2013	2025	2056	rBV	141267	270589	4.71%	1.138%
43	7.815	2103	2107	2109	rBV3	412	340	0.01%	0.001%
44	7.902	2113	2134	2161	rBV	1155294	1983996	34.52%	8.346%
45	8.031	2165	2174	2204	rVV2	181149	371704	6.47%	1.564%
46	8.362	2271	2277	2289	rVB4	4878	8493	0.15%	0.036%
47	8.593	2343	2349	2355	rVB7	648	870	0.02%	0.004%
48	8.783	2397	2408	2451	rBV	1002606	1658038	28.85%	6.975%
49	8.950	2451	2460	2475	rBV	48568	81805	1.42%	0.344%
50	9.072	2488	2498	2522	rVB	118078	205990	3.58%	0.867%
51	9.477	2614	2624	2651	rBV	92443	173784	3.02%	0.731%
52	9.789	2718	2721	2723	rVV4	807	537	0.01%	0.002%
53	9.805	2723	2726	2728	rVB2	827	466	0.01%	0.002%
54	9.870	2737	2746	2760	rVB	13685	21613	0.38%	0.091%
55	9.976	2777	2779	2783	rBV2	682	526	0.01%	0.002%
56	10.050	2796	2802	2807	rVB6	614	837	0.01%	0.004%
57	10.075	2807	2810	2815	rBV4	634	486	0.01%	0.002%
58	10.149	2820	2833	2859	rBV	352406	568504	9.89%	2.392%
59	10.294	2870	2878	2880	rBV	7898	9003	0.16%	0.038%
60	10.387	2897	2907	2909	rBV2	38290	48517	0.84%	0.204%
61	10.477	2926	2935	2945	rVB2	36124	55909	0.97%	0.235%
62	10.561	2959	2961	2967	rVB5	551	374	0.01%	0.002%
63	10.677	2988	2997	3009	rBV2	17694	29157	0.51%	0.123%
64	10.850	3040	3051	3069	rBV	102319	163754	2.85%	0.689%
65	10.934	3074	3077	3080	rBV4	753	550	0.01%	0.002%
66	11.082	3117	3123	3128	rBV5	1410	1711	0.03%	0.007%
67	11.130	3128	3138	3144	rVV8	6631	10197	0.18%	0.043%
68	11.185	3144	3155	3173	rVV	853913	1325141	23.06%	5.575%
69	11.272	3174	3182	3196	rVV	60159	100276	1.74%	0.422%
70	11.342	3198	3204	3227	rVB3	12600	25609	0.45%	0.108%
71	11.477	3233	3246	3260	rBV4	37622	110006	1.91%	0.463%
72	11.558	3261	3271	3298	rVB	662572	1070925	18.64%	4.505%
73	11.683	3303	3310	3326	rVB	37545	61429	1.07%	0.258%
74	11.850	3356	3362	3377	rVB8	4029	8715	0.15%	0.037%
75	11.956	3388	3395	3403	rBV2	3850	5544	0.10%	0.023%
76	12.053	3417	3425	3434	rBV8	2301	3698	0.06%	0.016%

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

77	12.143	3450	3453	3458	rBV4	458	380	0.01%	0.002%
78	12.194	3458	3469	3481	rBV2	16080	26811	0.47%	0.113%
79	12.255	3483	3488	3495	rVV6	1681	2004	0.03%	0.008%
80	12.352	3512	3518	3526	rVV3	6073	8963	0.16%	0.038%
81	12.403	3528	3534	3547	rVB	8630	12937	0.23%	0.054%
82	12.616	3596	3600	3606	rVV4	551	478	0.01%	0.002%
83	12.664	3610	3615	3625	rVB5	2331	3073	0.05%	0.013%
84	12.702	3625	3627	3634	rVB4	715	603	0.01%	0.003%
85	12.741	3634	3639	3640	rBV4	486	404	0.01%	0.002%
86	12.821	3654	3664	3678	rVB5	16906	27269	0.47%	0.115%
87	12.982	3708	3714	3715	rBV4	2209	1678	0.03%	0.007%
88	13.207	3779	3784	3788	rBV4	1417	1314	0.02%	0.006%
89	13.268	3799	3803	3806	rBV3	558	380	0.01%	0.002%
90	13.300	3810	3813	3817	rBV4	434	334	0.01%	0.001%
91	13.435	3842	3855	3884	rBV	4022722	5746822	100.00%	24.176%
92	13.558	3885	3893	3907	rVB	49614	86329	1.50%	0.363%
93	13.683	3924	3932	3943	rVB2	29483	44330	0.77%	0.186%
94	13.770	3956	3959	3964	rVB4	1463	1103	0.02%	0.005%
95	13.985	4017	4026	4039	rVB2	5508	10015	0.17%	0.042%
96	14.516	4181	4191	4196	rVV5	5559	8683	0.15%	0.037%
97	14.567	4196	4207	4234	rVV	254672	412692	7.18%	1.736%
98	14.751	4253	4264	4286	rBV	162069	271975	4.73%	1.144%
99	15.249	4415	4419	4421	rBV3	1204	851	0.01%	0.004%
100	15.310	4431	4438	4449	rBV3	4860	9304	0.16%	0.039%

Sum of corrected areas: 23770961

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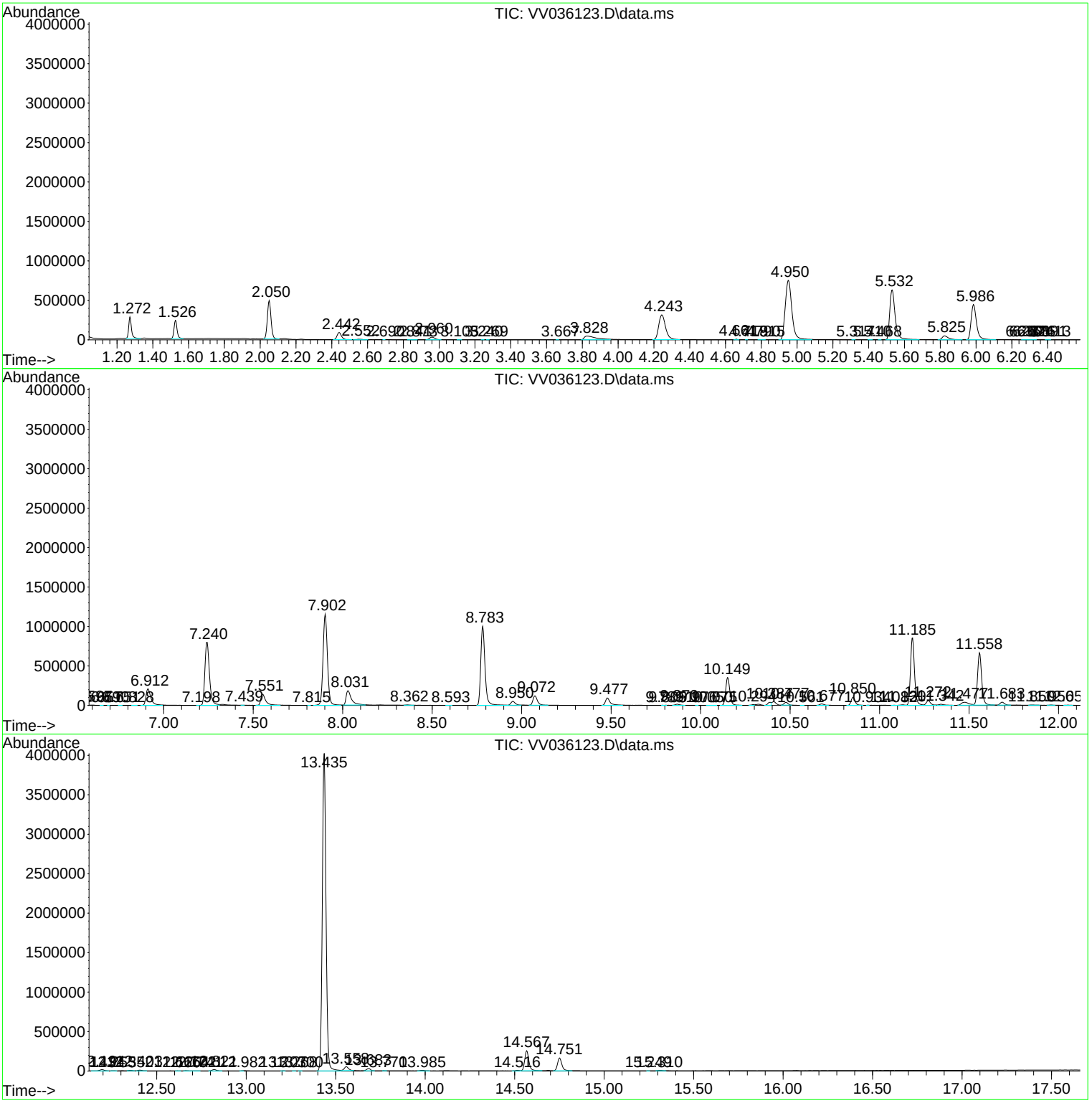
MSVOA_V
ClientSampleId :
C0SK8

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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ClientSampleId :
C0SK8

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

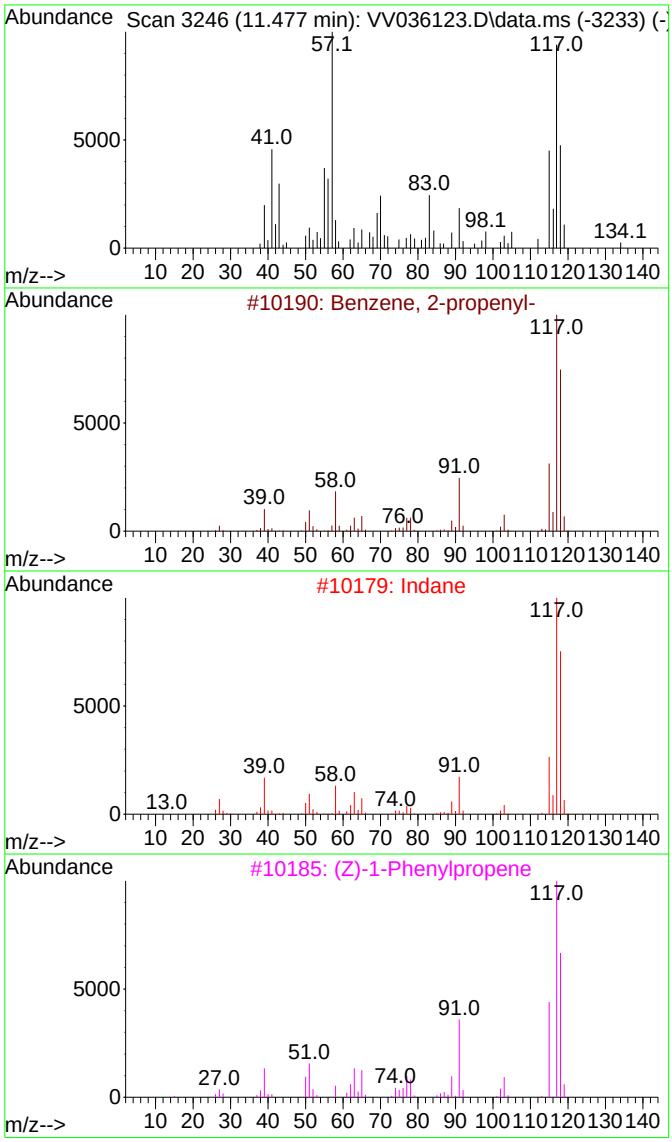
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

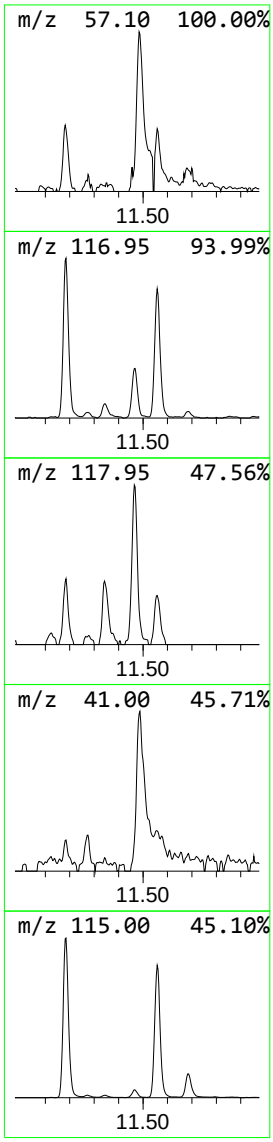
****

Peak Number 4 Benzene, 2-propenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.477	2.08 ug/L	110006	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	50
2	Indane	118	C9H10	000496-11-7	50
3	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	46
4	Indane	118	C9H10	000496-11-7	46
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	46





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Instrument :
MSVOA_V
ClientSampleId :
C0SK8

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

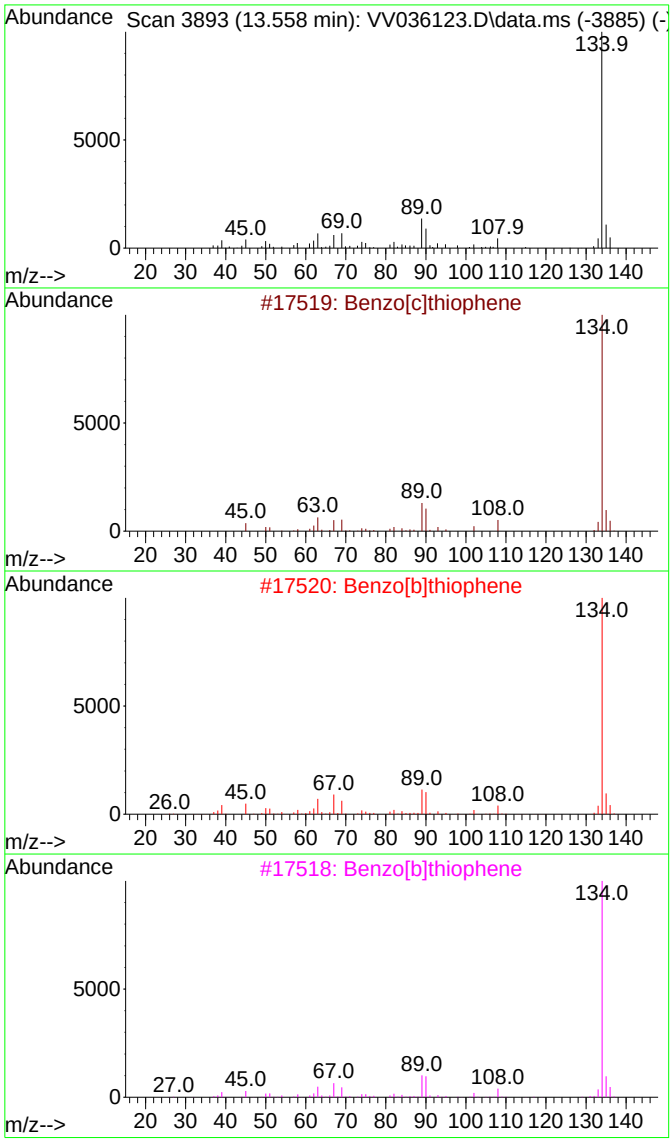
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

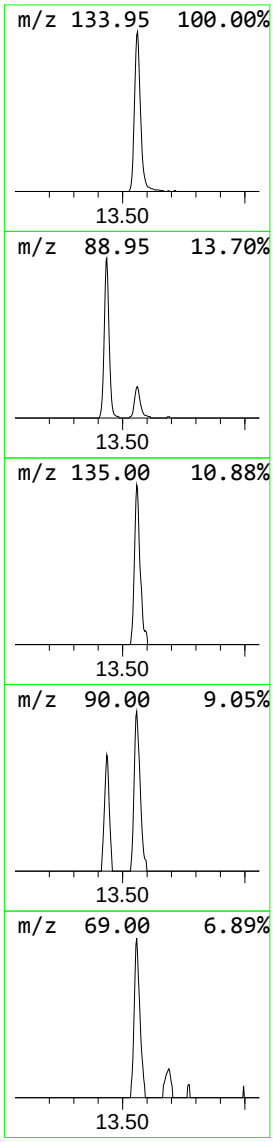
****

Peak Number 6 Benzo[c]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.558	1.63 ug/L	86329	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	95
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	95
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	90





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
Benzene, 2-prop...	11.477	2.1	ug/L	110006	3	11.185	1325140	25.0
Benzo[c]thiophene	13.558	1.6	ug/L	86329	3	11.185	1325140	25.0