LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
Data File : VV035863.D
Acq On : 29 May 2024 15:19
Operator : SY/MD
Sample : P2632-11
Misc : 2.80g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX7

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\SFAMVLM050624SMA.M
Title : VOC Analysis

Signal : TIC: VV035863.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.442	429	436	454	rVB	57405	96866	14.99%	4.752%
2	2.963	590	598	616	rVB2	13812	27299	4.23%	1.339%
3	3.163	659	660	663	rVB2	469	151	0.02%	0.007%
4	3.201	670	672	679	rVB2	615	639	0.10%	0.031%
5	3.230	679	681	685	rBV	270	202	0.03%	0.010%
6	3.381	725	728	730	rBV2	203	104	0.02%	0.005%
7	3.519	768	771	773	rVB2	335	178	0.03%	0.009%
8	3.552	778	781	783	rVV	239	118	0.02%	0.006%
9	3.632	804	806	810	rBV2	265	125	0.02%	0.006%
10	3.725	832	835	839	rBV	420	286	0.04%	0.014%
11	3.751	841	843	847	rBV3	320	233	0.04%	0.011%
12	3.844	851	872	910	rBV	28597	151346	23.43%	7.425%
13	4.532	1084	1086	1090	rBV3	277	193	0.03%	0.009%
14	4.590	1102	1104	1107	rBV3	344	164	0.03%	0.008%
15	4.683	1129	1133	1138	rBV4	447	462	0.07%	0.023%
16	4.728	1144	1147	1149	rBV3	320	196	0.03%	0.010%
17	4.767	1157	1159	1160	rBV3	266	99	0.02%	0.005%
18	4.873	1190	1192	1194	rBV	391	176	0.03%	0.009%
19	4.989	1215	1228	1231	rBV7	3734	6695	1.04%	0.328%
20	5.076	1253	1255	1258	rBV2	374	178	0.03%	0.009%
21	5.159	1279	1281	1283	rVB	157	42	0.01%	0.002%
22	5.175	1283	1286	1290	rVB2	497	309	0.05%	0.015%
23	5.195	1290	1292	1293	rBV2	140	68	0.01%	0.003%
24	5.204	1293	1295	1298	rVB3	224	125	0.02%	0.006%
25	5.227	1298	1302	1304	rBV3	241	210	0.03%	0.010%
26	5.240	1304	1306	1308	rBV2	199	103	0.02%	0.005%
27	5.262	1311	1313	1317	rVB2	406	211	0.03%	0.010%
28	5.281	1317	1319	1320	rBV	269	91	0.01%	0.004%
29	5.532	1386	1397	1424	rBV	301139	646037	100.00%	31.695%
30	6.114	1575	1578	1581	rBV2	411	355	0.05%	0.017%
31	6.211	1603	1608	1611	rBV3	460	369	0.06%	0.018%
32	6.387	1660	1663	1664	rBV2	361	168	0.03%	0.008%
33	6.452	1681	1683	1686	rBV2	278	193	0.03%	0.009%
34	6.503	1697	1699	1700	rBV	253	95	0.01%	0.005%
35	6.764	1778	1780	1782	rBV2	336	141	0.02%	0.007%
36	6.995	1850	1852	1855	rBV2	382	238	0.04%	0.012%

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BHBX7

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\SFAMVLM050624SMA.M
Title : VOC Analysis

37	7.047	1866	1868	1874	rVB	392	261	0.04%	0.013%
38	7.072	1874	1876	1878	rBV	219	97	0.02%	0.005%
39	7.092	1880	1882	1883	rBV	118	54	0.01%	0.003%
40	7.101	1883	1885	1889	rBV3	331	244	0.04%	0.012%
41	7.397	1976	1977	1978	rBV3	213	65	0.01%	0.003%
42	7.468	1996	1999	2003	rVB4	536	408	0.06%	0.020%
43	7.487	2003	2005	2006	rBV	329	136	0.02%	0.007%
44	7.696	2068	2070	2071	rBV	313	129	0.02%	0.006%
45	7.754	2086	2088	2094	rVB2	564	460	0.07%	0.023%
46	7.783	2094	2097	2099	rBV2	296	219	0.03%	0.011%
47	7.828	2108	2111	2114	rBV2	315	279	0.04%	0.014%
48	7.873	2116	2125	2140	rVB3	9641	17929	2.78%	0.880%
49	7.963	2150	2153	2156	rBV	348	285	0.04%	0.014%
50	8.040	2172	2177	2178	rBV2	396	276	0.04%	0.014%
51	8.092	2191	2193	2195	rVB	226	59	0.01%	0.003%
52	8.149	2207	2211	2212	rBV	183	128	0.02%	0.006%
53	8.159	2212	2214	2217	rVV3	267	155	0.02%	0.008%
54	8.214	2229	2231	2235	rBV2	349	239	0.04%	0.012%
55	8.233	2235	2237	2239	rVV2	391	184	0.03%	0.009%
56	8.246	2239	2241	2247	rVB5	597	362	0.06%	0.018%
57	8.362	2270	2277	2293	rVB3	6060	10224	1.58%	0.502%
58	8.420	2293	2295	2301	rBV3	425	247	0.04%	0.012%
59	8.600	2349	2351	2355	rBV2	384	244	0.04%	0.012%
60	8.638	2360	2363	2364	rBV	270	182	0.03%	0.009%
61	8.686	2375	2378	2382	rBV3	232	155	0.02%	0.008%
62	8.715	2385	2387	2389	rBV	362	210	0.03%	0.010%
63	8.783	2398	2408	2439	rBV	299677	530588	82.13%	26.031%
64	9.204	2536	2539	2540	rBV	308	136	0.02%	0.007%
65	9.284	2562	2564	2568	rBV3	378	219	0.03%	0.011%
66	9.352	2582	2585	2590	rBV2	407	431	0.07%	0.021%
67	9.448	2612	2615	2617	rBV2	452	261	0.04%	0.013%
68	9.468	2617	2621	2623	rVV2	348	271	0.04%	0.013%
69	9.487	2625	2627	2630	rBV3	342	245	0.04%	0.012%
70	9.564	2650	2651	2653	rVB	230	63	0.01%	0.003%
71	9.577	2653	2655	2659	rVB4	452	294	0.05%	0.014%
72	9.609	2659	2665	2668	rBV4	593	636	0.10%	0.031%
73	9.680	2684	2687	2691	rVB3	764	537	0.08%	0.026%
74	9.792	2716	2722	2730	rBV2	516	711	0.11%	0.035%
75	9.828	2730	2733	2735	rBV	375	199	0.03%	0.010%
76	9.918	2759	2761	2762	rBV2	265	107	0.02%	0.005%

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX7

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\SFAMVLM050624SMA.M
Title : VOC Analysis

77	9.950	2767	2771	2777	rBV3	508	427	0.07%	0.021%
78	9.976	2777	2779	2780	rBV	270	91	0.01%	0.004%
79	10.011	2786	2790	2793	rBV2	461	422	0.07%	0.021%
80	10.063	2798	2806	2818	rVB4	7655	11871	1.84%	0.582%
81	10.159	2829	2836	2845	rBV6	2998	4562	0.71%	0.224%
82	10.255	2861	2866	2875	rVB5	1693	2363	0.37%	0.116%
83	10.323	2877	2887	2901	rVB	26823	43741	6.77%	2.146%
84	10.436	2920	2922	2926	rBV3	307	171	0.03%	0.008%
85	10.513	2939	2946	2950	rBV5	1795	2711	0.42%	0.133%
86	10.612	2973	2977	2983	rBV5	403	476	0.07%	0.023%
87	10.683	2995	2999	3002	rBV3	541	474	0.07%	0.023%
88	10.854	3044	3052	3063	rVB4	7696	12143	1.88%	0.596%
89	10.973	3082	3089	3098	rVB7	2812	4115	0.64%	0.202%
90	11.008	3098	3100	3105	rBV2	467	401	0.06%	0.020%
91	11.082	3112	3123	3133	rBV3	21000	34448	5.33%	1.690%
92	11.185	3145	3155	3176	rBV	221271	366653	56.75%	17.988%
93	11.709	3314	3318	3319	rBV3	1121	845	0.13%	0.041%
94	12.194	3460	3469	3483	rVB2	14625	23533	3.64%	1.155%
95	12.358	3517	3520	3526	rBV4	731	560	0.09%	0.027%
96	12.526	3570	3572	3574	rBV2	849	501	0.08%	0.025%
97	12.583	3582	3590	3595	rBV8	2254	3473	0.54%	0.170%
98	12.886	3681	3684	3690	rBV2	607	668	0.10%	0.033%
99	13.455	3854	3861	3865	rBV6	1726	2248	0.35%	0.110%
100	13.683	3925	3932	3944	rVB3	13488	19030	2.95%	0.934%

Sum of corrected areas: 2038321

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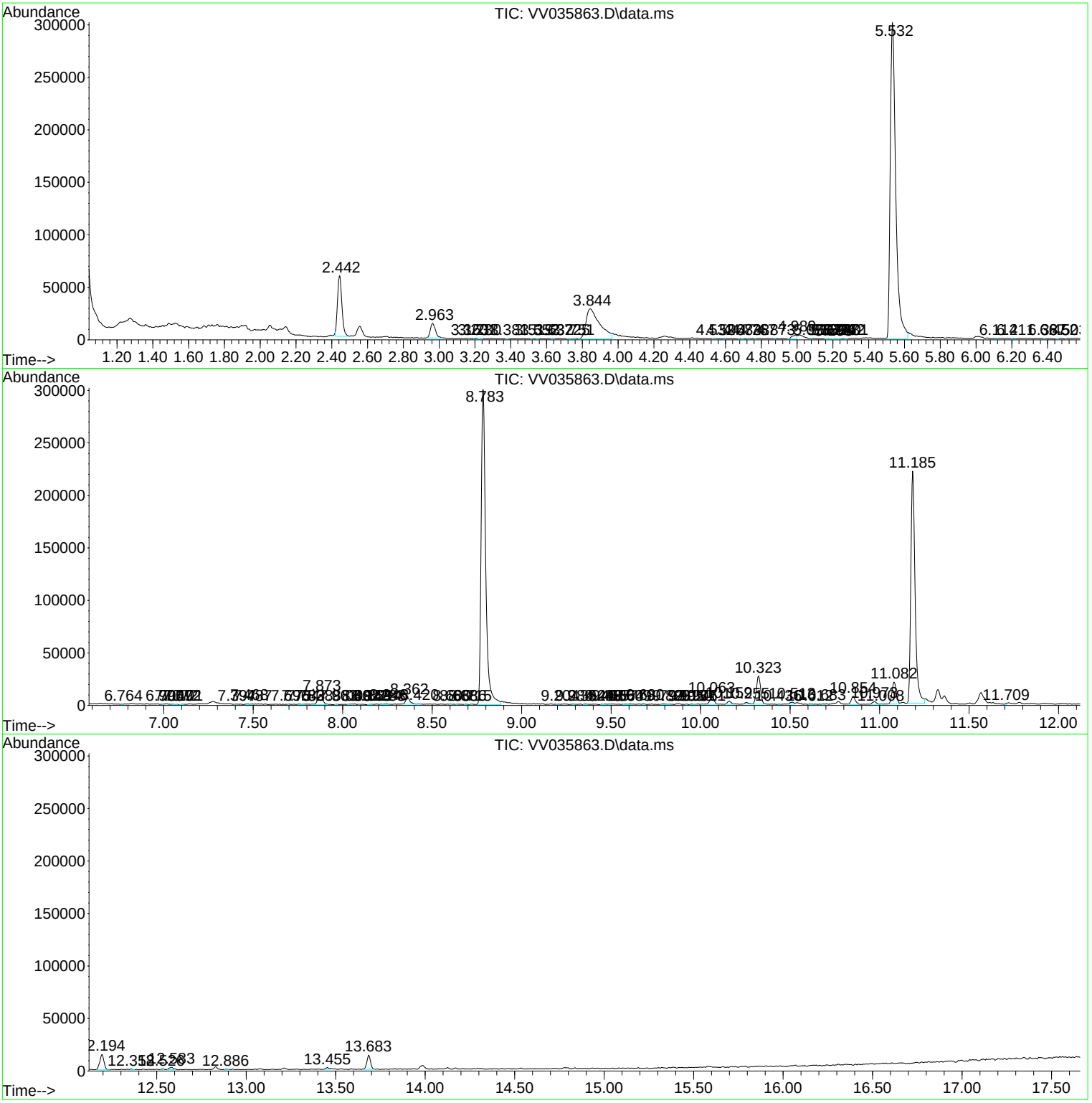
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBX7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052924\
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Instrument :
MSVOA_V
ClientSampleId :
BHBX7

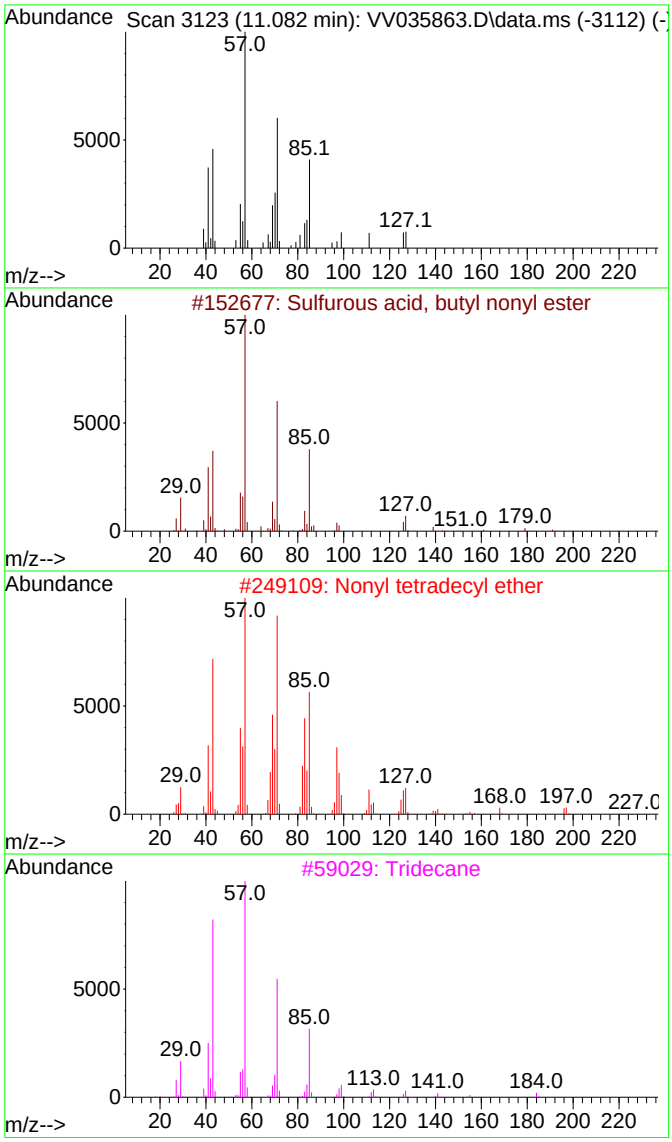
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

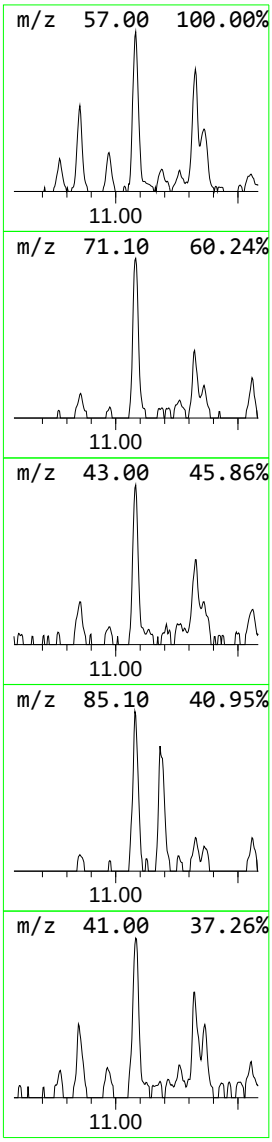
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Sulfurous acid, butyl nonyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.082	2.35 ug/L	34448	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64
2	Nonyl tetradecyl ether	340	C23H48O	1000406-37-6	64
3	Tridecane	184	C13H28	000629-50-5	64
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	53
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53





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MSVOA_V
ClientSampleId :
BHBX7

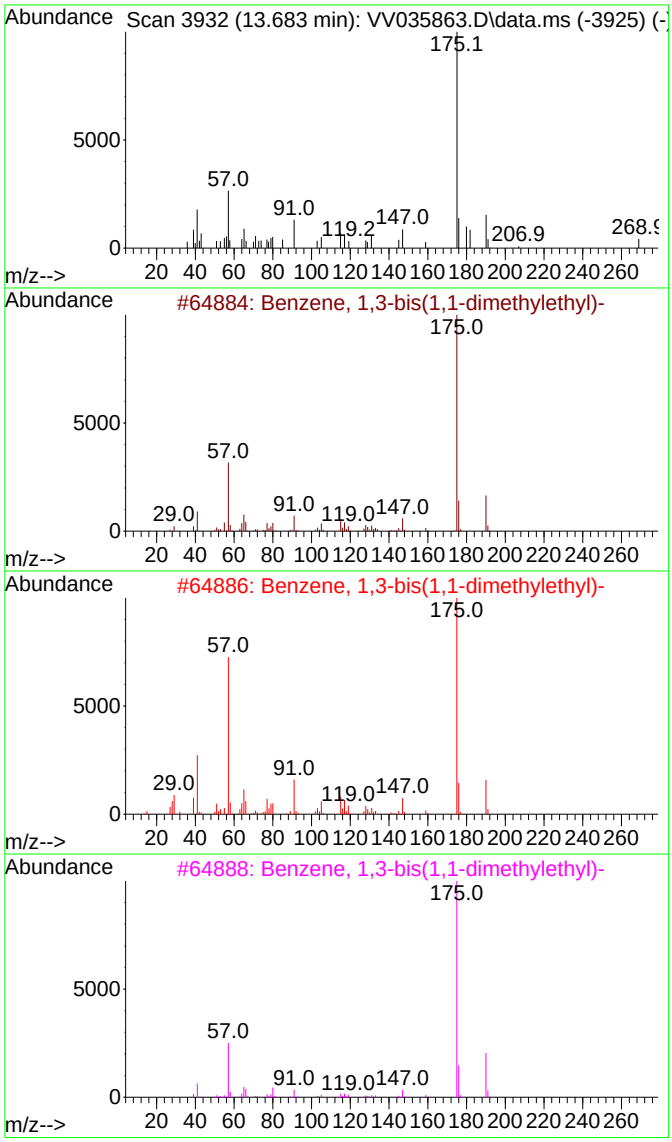
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

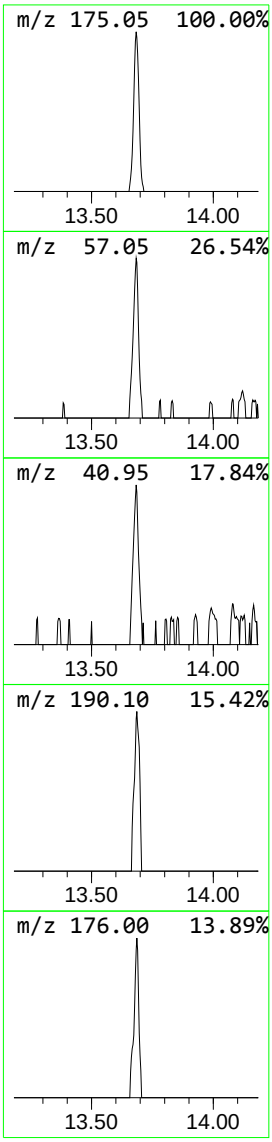
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	1.30 ug/L	19030	1,4-Dichlorobenzene-d4	11.185

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	81
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	76
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64
4	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	64
5	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	64





Tentatively Identified Compound (LSC) summary

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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
Sulfurous acid,...	11.082	2.4	ug/L	34448	3	11.185	366653	25.0
Benzene, 1,3-bi...	13.683	1.3	ug/L	19030	3	11.185	366653	25.0