LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035646.D
Acq On : 21 May 2024 18:21
Operator : SY/MD
Sample : P2547-06
Misc : 4.47g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5P9

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: VV035646.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	90	rVB	129955	142432	16.52%	2.684%
2	1.526	144	151	167	rVB	118515	144535	16.76%	2.724%
3	2.053	305	315	332	rVB	219833	330312	38.31%	6.225%
4	2.442	426	436	456	rVB	99199	170557	19.78%	3.214%
5	2.558	463	472	483	rVB	10984	21013	2.44%	0.396%
6	2.703	509	517	519	rBV6	2068	2712	0.31%	0.051%
7	2.921	580	585	587	rBV	535	483	0.06%	0.009%
8	2.963	587	598	618	rVV2	21368	46307	5.37%	0.873%
9	3.111	638	644	653	rVB3	666	904	0.10%	0.017%
10	3.182	664	666	674	rVB2	256	287	0.03%	0.005%
11	3.580	787	790	795	rBV	523	319	0.04%	0.006%
12	3.664	814	816	826	rVB3	720	735	0.09%	0.014%
13	3.850	849	874	911	rBV3	33940	193831	22.48%	3.653%
14	4.246	981	997	1027	rBV	156222	417369	48.41%	7.865%
15	4.500	1073	1076	1079	rBV4	662	502	0.06%	0.009%
16	4.555	1089	1093	1094	rBV2	780	458	0.05%	0.009%
17	4.574	1095	1099	1110	rVB7	1585	2771	0.32%	0.052%
18	4.738	1140	1150	1154	rBV8	1254	1773	0.21%	0.033%
19	4.953	1198	1217	1256	rBV2	321209	862145	100.00%	16.247%
20	5.336	1333	1336	1340	rVB2	633	364	0.04%	0.007%
21	5.378	1344	1349	1355	rVB3	450	471	0.05%	0.009%
22	5.535	1387	1398	1429	rBV	227662	499250	57.91%	9.408%
23	5.831	1479	1490	1509	rBV4	13634	32108	3.72%	0.605%
24	5.989	1525	1539	1565	rBV	203482	438391	50.85%	8.261%
25	6.172	1595	1596	1600	rVB3	769	426	0.05%	0.008%
26	6.304	1634	1637	1641	rVB3	552	461	0.05%	0.009%
27	6.455	1676	1684	1685	rBV2	609	797	0.09%	0.015%
28	6.558	1711	1716	1719	rBV3	529	388	0.05%	0.007%
29	6.593	1722	1727	1729	rBV3	425	381	0.04%	0.007%
30	6.693	1754	1758	1763	rVB4	501	480	0.06%	0.009%
31	6.731	1766	1770	1775	rBV2	447	425	0.05%	0.008%
32	6.918	1816	1828	1856	rBV	57382	121623	14.11%	2.292%
33	7.088	1877	1881	1888	rVB3	547	635	0.07%	0.012%
34	7.137	1892	1896	1901	rVB3	485	511	0.06%	0.010%
35	7.165	1901	1905	1906	rBV3	454	274	0.03%	0.005%
36	7.243	1919	1929	1953	rBV	246193	461516	53.53%	8.697%

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Instrument :
MSVOA_V
ClientSampleId :
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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_V\Method\SFAMVLM050624SMA.M
Title : VOC Analysis

37	7.561	2019	2028	2052	rBV	35749	76869	8.92%	1.449%
38	7.731	2079	2081	2088	rVB3	615	499	0.06%	0.009%
39	7.789	2092	2099	2106	rBV7	891	1242	0.14%	0.023%
40	7.876	2113	2126	2136	rBV2	10749	20212	2.34%	0.381%
41	8.043	2170	2178	2212	rBV2	40687	116053	13.46%	2.187%
42	8.362	2268	2277	2294	rVB3	13614	24125	2.80%	0.455%
43	8.590	2346	2348	2353	rVV2	476	389	0.05%	0.007%
44	8.690	2375	2379	2384	rVB5	627	560	0.06%	0.011%
45	8.786	2399	2409	2434	rBV	240066	426924	49.52%	8.045%
46	8.950	2458	2460	2463	rBV3	697	537	0.06%	0.010%
47	9.091	2494	2504	2505	rBV4	1488	1744	0.20%	0.033%
48	9.175	2527	2530	2535	rBV2	458	457	0.05%	0.009%
49	9.204	2537	2539	2545	rVV2	277	266	0.03%	0.005%
50	9.493	2620	2629	2637	rBV3	1325	2231	0.26%	0.042%
51	9.574	2652	2654	2659	rVB3	443	289	0.03%	0.005%
52	9.664	2677	2682	2687	rBV3	369	444	0.05%	0.008%
53	9.760	2707	2712	2716	rBV3	378	311	0.04%	0.006%
54	9.879	2743	2749	2754	rVB4	917	1126	0.13%	0.021%
55	10.066	2799	2807	2815	rBV6	2782	4189	0.49%	0.079%
56	10.152	2822	2834	2850	rBV	145908	237296	27.52%	4.472%
57	10.326	2878	2888	2901	rVB2	18917	30567	3.55%	0.576%
58	10.381	2901	2905	2910	rVB2	302	326	0.04%	0.006%
59	10.435	2916	2922	2923	rBV3	544	541	0.06%	0.010%
60	10.477	2932	2935	2936	rBV	572	286	0.03%	0.005%
61	10.509	2942	2945	2947	rBV4	592	404	0.05%	0.008%
62	10.622	2978	2980	2984	rBV4	368	269	0.03%	0.005%
63	10.728	3003	3013	3017	rBV7	1307	2202	0.26%	0.041%
64	10.799	3032	3035	3037	rBV	770	524	0.06%	0.010%
65	10.857	3043	3053	3060	rBV5	3805	6539	0.76%	0.123%
66	10.969	3081	3088	3094	rBV5	1187	1747	0.20%	0.033%
67	11.040	3101	3110	3114	rBV6	962	1352	0.16%	0.025%
68	11.085	3116	3124	3134	rVB2	6568	9351	1.08%	0.176%
69	11.130	3134	3138	3139	rBV2	786	515	0.06%	0.010%
70	11.188	3146	3156	3175	rBV	110980	189662	22.00%	3.574%
71	11.323	3193	3198	3206	rBV7	2802	4913	0.57%	0.093%
72	11.368	3207	3212	3220	rVB3	4429	5351	0.62%	0.101%
73	11.403	3221	3223	3228	rVB3	468	333	0.04%	0.006%
74	11.503	3248	3254	3256	rBV4	749	718	0.08%	0.014%
75	11.561	3261	3272	3297	rBV	94841	164667	19.10%	3.103%
76	11.722	3317	3322	3325	rBV4	1669	1418	0.16%	0.027%

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Instrument :
MSVOA_V
ClientSampleId :
BH5P9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Title : VOC Analysis

77	11.783	3337	3341	3352	rVB6	1697	2518	0.29%	0.047%
78	11.847	3357	3361	3367	rVB3	667	638	0.07%	0.012%
79	11.905	3373	3379	3380	rBV2	531	367	0.04%	0.007%
80	12.033	3416	3419	3425	rVB4	538	604	0.07%	0.011%
81	12.191	3458	3468	3481	rBV	11883	19471	2.26%	0.367%
82	12.255	3485	3488	3491	rBV2	563	493	0.06%	0.009%
83	12.355	3515	3519	3525	rVB4	530	495	0.06%	0.009%
84	12.532	3572	3574	3581	rVB4	545	371	0.04%	0.007%
85	12.596	3590	3594	3598	rVB4	955	749	0.09%	0.014%
86	12.689	3620	3623	3626	rVB	463	298	0.03%	0.006%
87	12.728	3631	3635	3636	rBV2	459	338	0.04%	0.006%
88	12.831	3657	3667	3677	rBV7	3268	4932	0.57%	0.093%
89	12.898	3686	3688	3693	rBV3	310	293	0.03%	0.006%
90	13.078	3738	3744	3750	rVB4	1270	1882	0.22%	0.035%
91	13.197	3777	3781	3782	rBV2	592	384	0.04%	0.007%
92	13.406	3843	3846	3848	rBV2	551	357	0.04%	0.007%
93	13.448	3856	3859	3861	rBV2	937	657	0.08%	0.012%
94	13.487	3869	3871	3875	rVB3	528	271	0.03%	0.005%
95	13.683	3923	3932	3943	rBV	24086	34106	3.96%	0.643%
96	13.795	3964	3967	3971	rBV	363	281	0.03%	0.005%
97	14.287	4118	4120	4124	rVB3	952	598	0.07%	0.011%
98	14.307	4124	4126	4130	rVB2	655	402	0.05%	0.008%
99	14.371	4144	4146	4150	rBV2	576	375	0.04%	0.007%
100	14.641	4228	4230	4232	rBV2	745	346	0.04%	0.007%

Sum of corrected areas: 5306620

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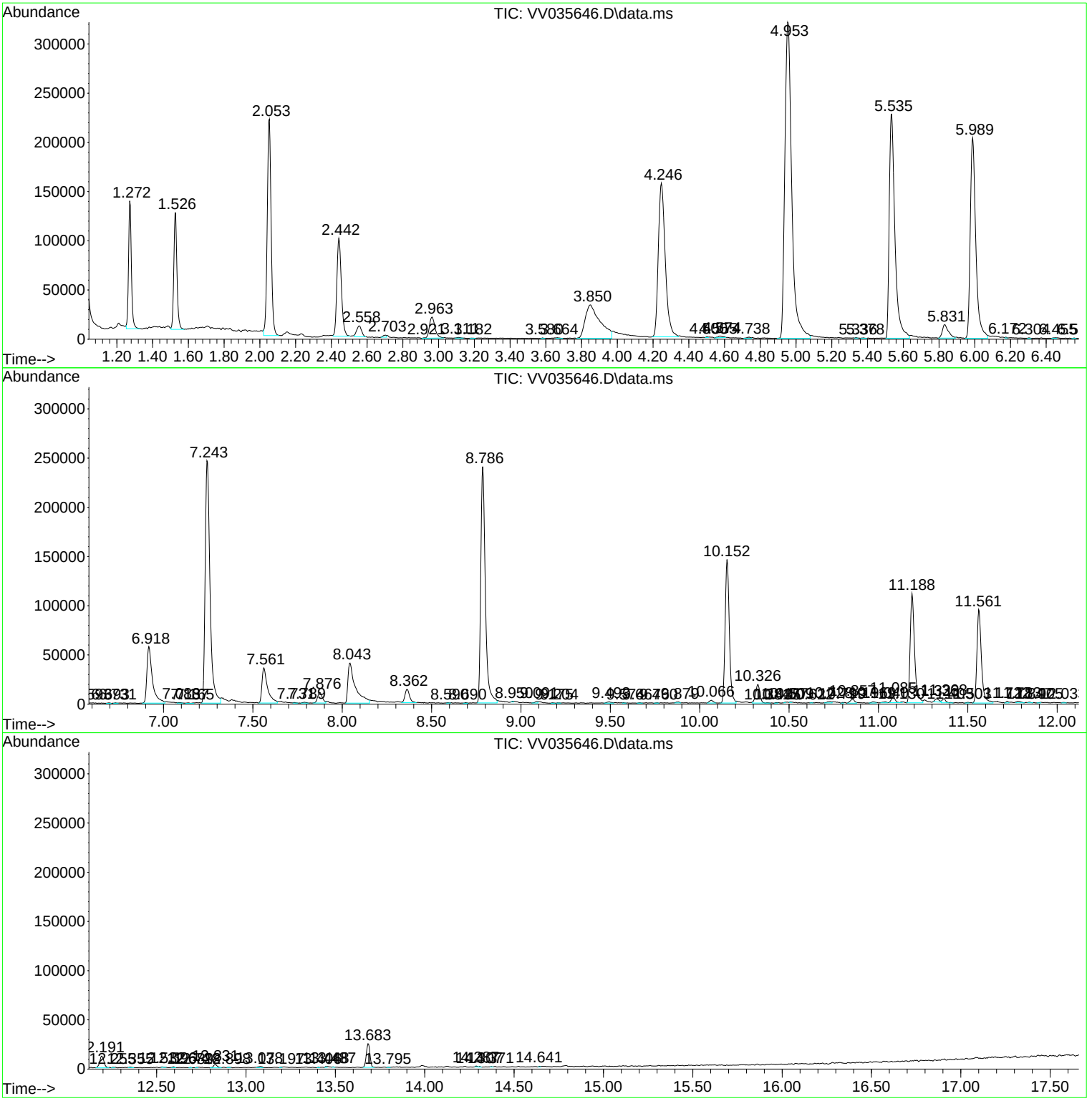
Instrument :
MSVOA_V
ClientSampleId :
BH5P9

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



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Instrument :
MSVOA_V
ClientSampleId :
BH5P9

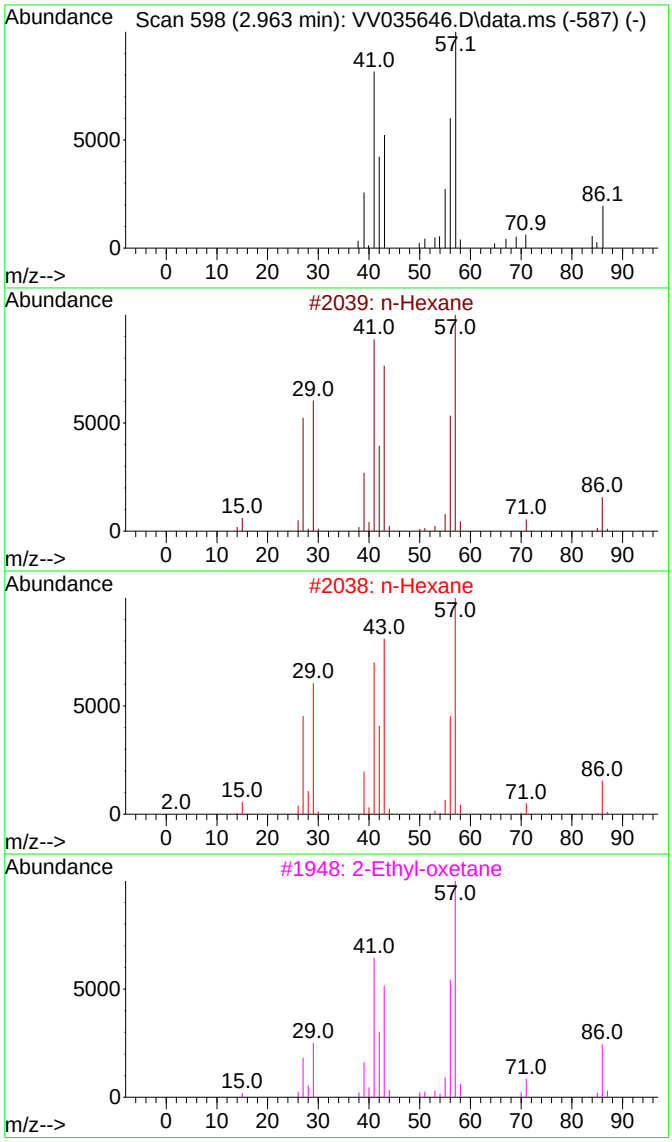
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

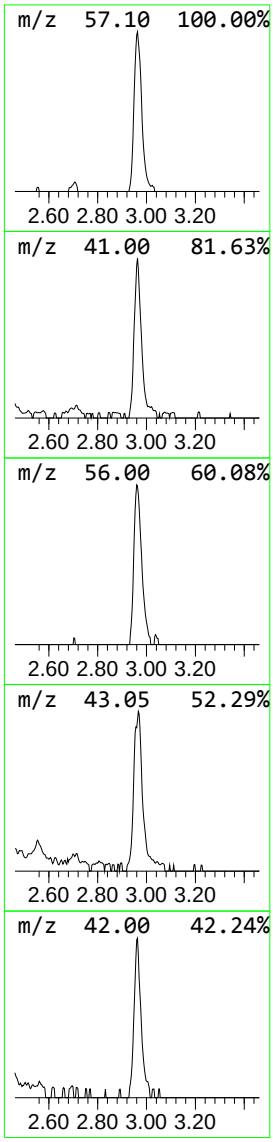
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	2.32 ug/L	46307	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	n-Hexane	86	C6H14	000110-54-3	64
3	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	56
4	n-Hexane	86	C6H14	000110-54-3	45
5	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	39





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MSVOA_V
ClientSampleId :
BH5P9

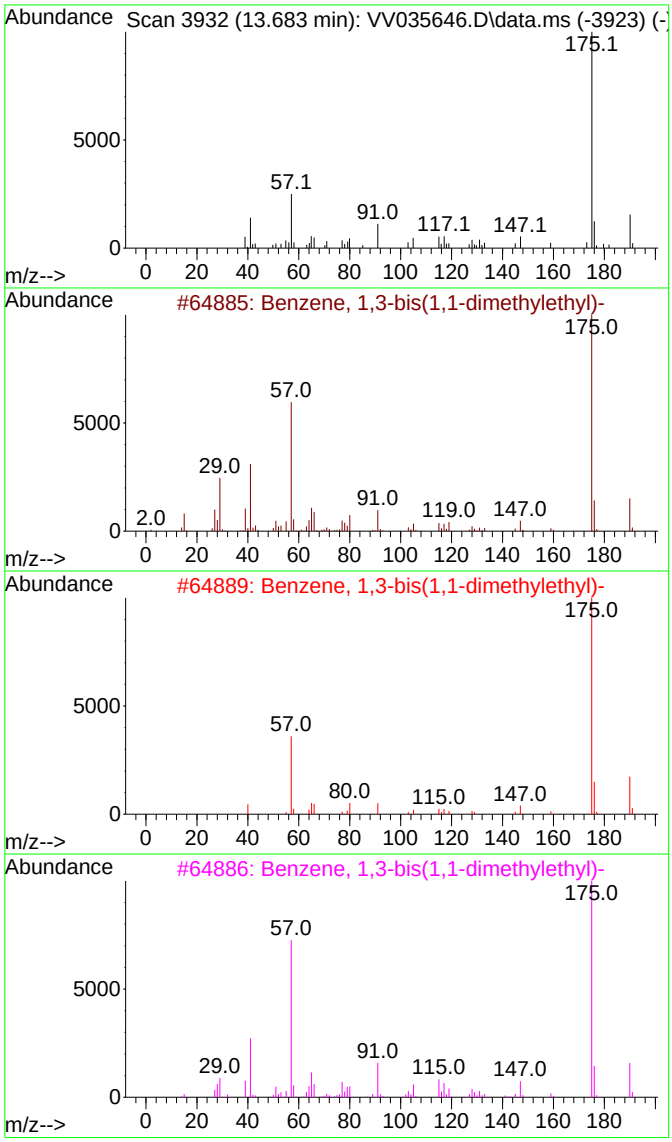
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

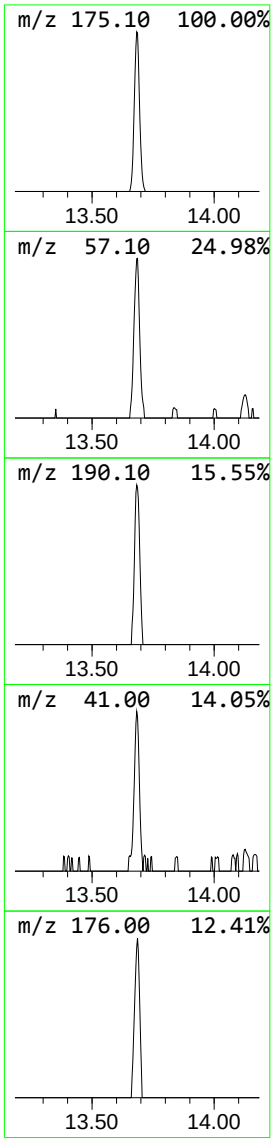
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	4.50 ug/L	34106	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	80
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80
5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	80





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
(DEL) Alkane: S...	2.963	2.3	ug/L	46307	1	5.535	499250	25.0
Benzene, 1,3-bi...	13.683	4.5	ug/L	34106	3	11.188	189662	25.0