LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035643.D
Acq On : 21 May 2024 17:12
Operator : SY/MD
Sample : P2547-05
Misc : 5.97g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5P3

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: VV035643.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.275	67	73	91	rVB	137562	150100	15.03%	2.004%
2	1.529	145	152	165	rVB	119401	139314	13.95%	1.860%
3	2.053	306	315	333	rBV	230115	332754	33.33%	4.443%
4	2.442	425	436	459	rBV	122933	208214	20.85%	2.780%
5	2.555	462	471	485	rVB	12472	25482	2.55%	0.340%
6	2.690	509	513	515	rBV3	1624	1345	0.13%	0.018%
7	2.802	545	548	549	rBV	476	259	0.03%	0.003%
8	2.870	567	569	573	rVB3	554	405	0.04%	0.005%
9	2.963	586	598	621	rVB3	16190	33551	3.36%	0.448%
10	3.060	625	628	631	rVB2	502	335	0.03%	0.004%
11	3.487	755	761	768	rVB2	250	350	0.04%	0.005%
12	3.529	768	774	780	rBV3	313	374	0.04%	0.005%
13	3.716	829	832	839	rVB2	307	384	0.04%	0.005%
14	3.841	851	871	927	rBV3	49274	273410	27.38%	3.650%
15	4.246	983	997	1031	rVB	171947	450363	45.11%	6.013%
16	4.481	1067	1070	1072	rBV	670	361	0.04%	0.005%
17	4.523	1079	1083	1090	rVB5	683	724	0.07%	0.010%
18	4.738	1143	1150	1154	rBV5	1082	1417	0.14%	0.019%
19	4.892	1195	1198	1201	rBV3	379	276	0.03%	0.004%
20	4.957	1202	1218	1265	rBV2	371123	998427	100.00%	13.330%
21	5.269	1312	1315	1319	rVB3	495	334	0.03%	0.004%
22	5.388	1348	1352	1355	rBV2	299	273	0.03%	0.004%
23	5.490	1379	1384	1386	rBV2	281	269	0.03%	0.004%
24	5.535	1387	1398	1434	rBV	282993	614560	61.55%	8.205%
25	5.751	1461	1465	1466	rBV3	458	291	0.03%	0.004%
26	5.828	1477	1489	1509	rBV3	20522	51448	5.15%	0.687%
27	5.989	1525	1539	1572	rBV	229074	497878	49.87%	6.647%
28	6.625	1735	1737	1744	rVB2	440	381	0.04%	0.005%
29	6.667	1744	1750	1753	rBV3	558	467	0.05%	0.006%
30	6.683	1753	1755	1759	rBV3	498	296	0.03%	0.004%
31	6.915	1814	1827	1857	rBV	92416	196337	19.66%	2.621%
32	7.127	1888	1893	1897	rBV5	400	555	0.06%	0.007%
33	7.188	1906	1912	1914	rBV2	533	499	0.05%	0.007%
34	7.243	1919	1929	1956	rBV	359759	664489	66.55%	8.872%
35	7.484	2002	2004	2010	rVB3	344	304	0.03%	0.004%
36	7.558	2018	2027	2057	rBV	62178	127449	12.76%	1.702%

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Instrument :
MSVOA_V
ClientSampleId :
BH5P3

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	7.706	2071	2073	2077	rVB5	665	325	0.03%	0.004%
38	7.748	2084	2086	2089	rVB2	415	248	0.02%	0.003%
39	7.786	2092	2098	2099	rBV4	1096	953	0.10%	0.013%
40	7.873	2111	2125	2135	rBV2	12086	24029	2.41%	0.321%
41	7.989	2158	2161	2167	rBV3	485	451	0.05%	0.006%
42	8.034	2167	2175	2216	rBV	92388	236193	23.66%	3.154%
43	8.220	2230	2233	2236	rBV3	960	650	0.07%	0.009%
44	8.362	2268	2277	2294	rVB3	17361	30549	3.06%	0.408%
45	8.458	2305	2307	2310	rBV3	478	288	0.03%	0.004%
46	8.696	2377	2381	2386	rVB2	575	583	0.06%	0.008%
47	8.783	2398	2408	2439	rBV	448066	768604	76.98%	10.262%
48	9.092	2495	2504	2514	rBV8	2604	4953	0.50%	0.066%
49	9.275	2557	2561	2566	rVB3	349	314	0.03%	0.004%
50	9.387	2592	2596	2599	rBV2	365	269	0.03%	0.004%
51	9.455	2609	2617	2618	rBV3	467	443	0.04%	0.006%
52	9.490	2620	2628	2633	rBV4	1469	2168	0.22%	0.029%
53	9.686	2686	2689	2694	rVB2	540	478	0.05%	0.006%
54	9.728	2698	2702	2705	rBV2	438	406	0.04%	0.005%
55	9.876	2740	2748	2758	rBV6	1915	2898	0.29%	0.039%
56	10.053	2799	2803	2805	rBV2	346	298	0.03%	0.004%
57	10.069	2805	2808	2812	rVB4	659	472	0.05%	0.006%
58	10.153	2821	2834	2865	rBV	235266	385234	38.58%	5.143%
59	10.323	2877	2887	2900	rVB	18908	31963	3.20%	0.427%
60	10.378	2900	2904	2907	rBV3	621	401	0.04%	0.005%
61	10.487	2931	2938	2946	rVB5	1809	2579	0.26%	0.034%
62	10.526	2946	2950	2952	rBV2	481	392	0.04%	0.005%
63	10.600	2969	2973	2976	rBV2	257	267	0.03%	0.004%
64	10.731	3009	3014	3015	rVV2	497	385	0.04%	0.005%
65	10.751	3015	3020	3025	rVV3	1433	1480	0.15%	0.020%
66	10.805	3031	3037	3040	rBV3	500	603	0.06%	0.008%
67	10.860	3045	3054	3066	rVB7	1875	3603	0.36%	0.048%
68	10.976	3086	3090	3095	rVV3	381	456	0.05%	0.006%
69	11.079	3117	3122	3131	rBV7	1702	2422	0.24%	0.032%
70	11.130	3131	3138	3144	rBV4	2360	3409	0.34%	0.046%
71	11.185	3145	3155	3175	rBV	361150	588020	58.89%	7.851%
72	11.384	3216	3217	3220	rVB	722	315	0.03%	0.004%
73	11.481	3243	3247	3250	rBV3	450	359	0.04%	0.005%
74	11.561	3256	3272	3299	rBV	321719	533057	53.39%	7.117%
75	11.825	3350	3354	3356	rBV3	706	588	0.06%	0.008%
76	11.879	3368	3371	3373	rVB	566	287	0.03%	0.004%

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5P3

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

77	11.908	3377	3380	3382	rBV2	536	361	0.04%	0.005%
78	11.944	3388	3391	3394	rVB2	635	392	0.04%	0.005%
79	12.069	3428	3430	3437	rBV4	353	355	0.04%	0.005%
80	12.194	3460	3469	3479	rVB2	12952	20630	2.07%	0.275%
81	12.310	3502	3505	3507	rBV3	478	390	0.04%	0.005%
82	12.345	3513	3516	3518	rBV2	831	649	0.07%	0.009%
83	12.503	3558	3565	3570	rBV5	817	1002	0.10%	0.013%
84	12.538	3571	3576	3578	rVB4	605	549	0.05%	0.007%
85	12.587	3581	3591	3597	rBV8	1724	3269	0.33%	0.044%
86	12.747	3635	3641	3644	rVB3	404	432	0.04%	0.006%
87	12.767	3644	3647	3648	rBV	390	253	0.03%	0.003%
88	12.828	3659	3666	3677	rVV5	4373	6521	0.65%	0.087%
89	12.882	3680	3683	3688	rVB	437	303	0.03%	0.004%
90	13.017	3723	3725	3729	rVV2	359	261	0.03%	0.003%
91	13.075	3737	3743	3751	rVB6	1193	1606	0.16%	0.021%
92	13.124	3754	3758	3761	rBV3	395	380	0.04%	0.005%
93	13.207	3781	3784	3794	rVB7	1762	2364	0.24%	0.032%
94	13.323	3815	3820	3823	rBV4	626	631	0.06%	0.008%
95	13.413	3844	3848	3850	rBV	1092	701	0.07%	0.009%
96	13.683	3923	3932	3943	rVB	29254	42308	4.24%	0.565%
97	13.773	3958	3960	3962	rBV2	538	346	0.03%	0.005%
98	13.834	3976	3979	3980	rBV2	581	271	0.03%	0.004%
99	14.056	4045	4048	4051	rBV3	572	468	0.05%	0.006%
100	14.288	4118	4120	4123	rVB3	708	299	0.03%	0.004%

Sum of corrected areas: 7489808

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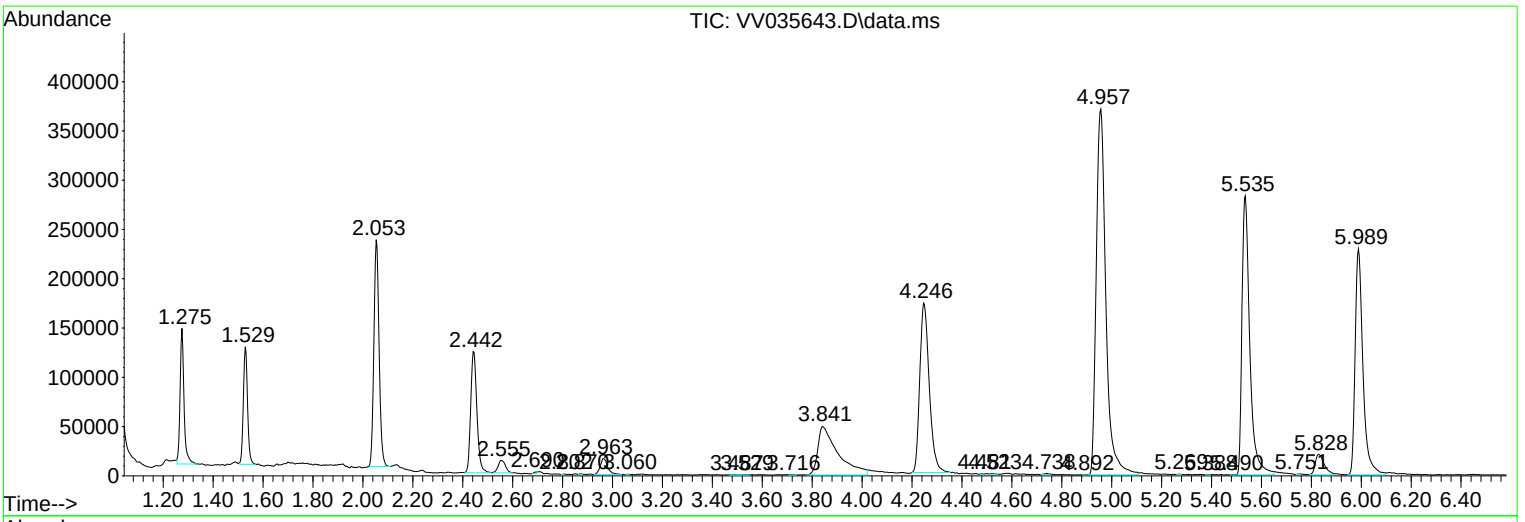
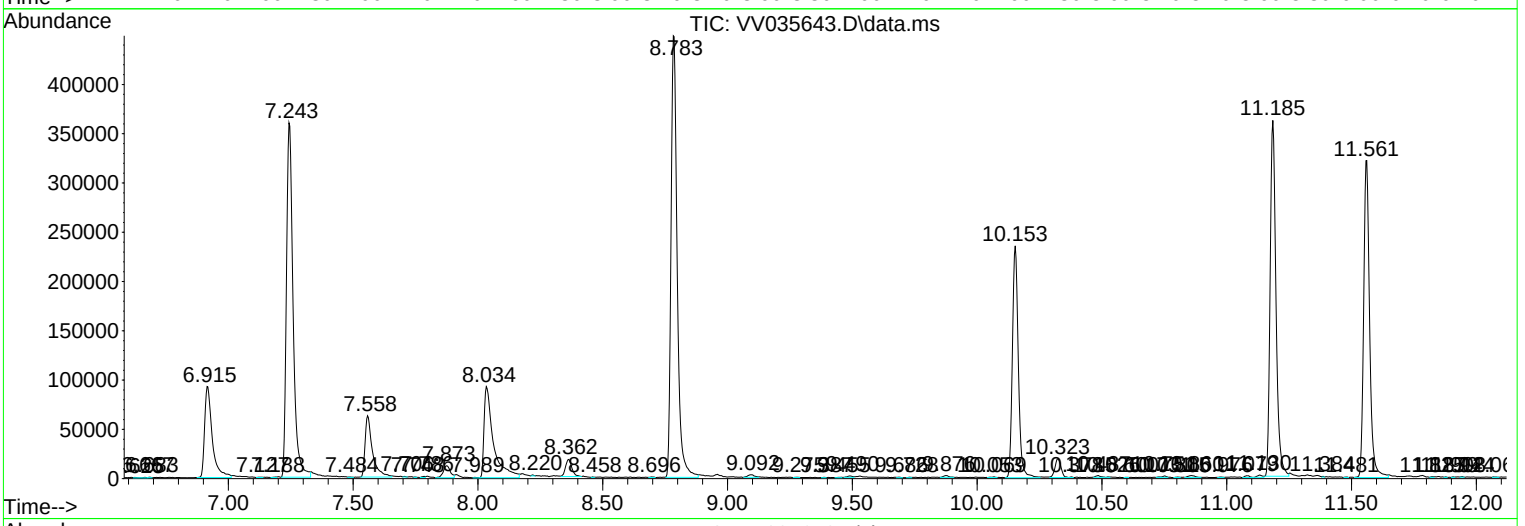
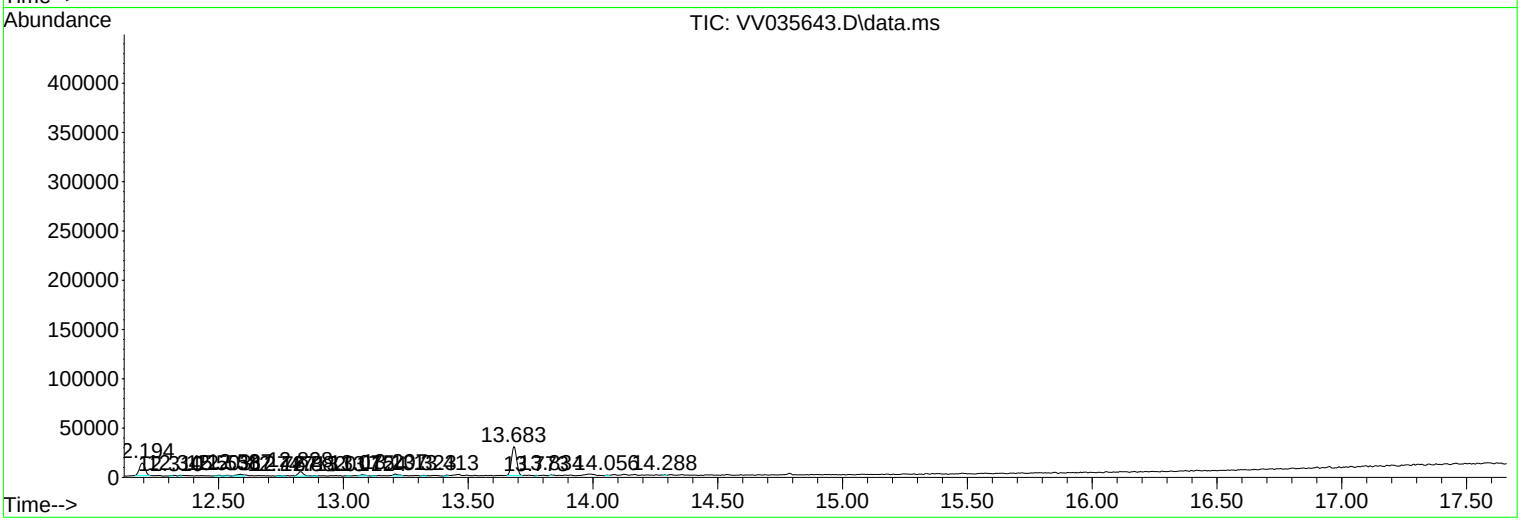
Instrument :
MSVOA_V
ClientSampleId :
BH5P3

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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MSVOA_V
ClientSampleId :
BH5P3

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

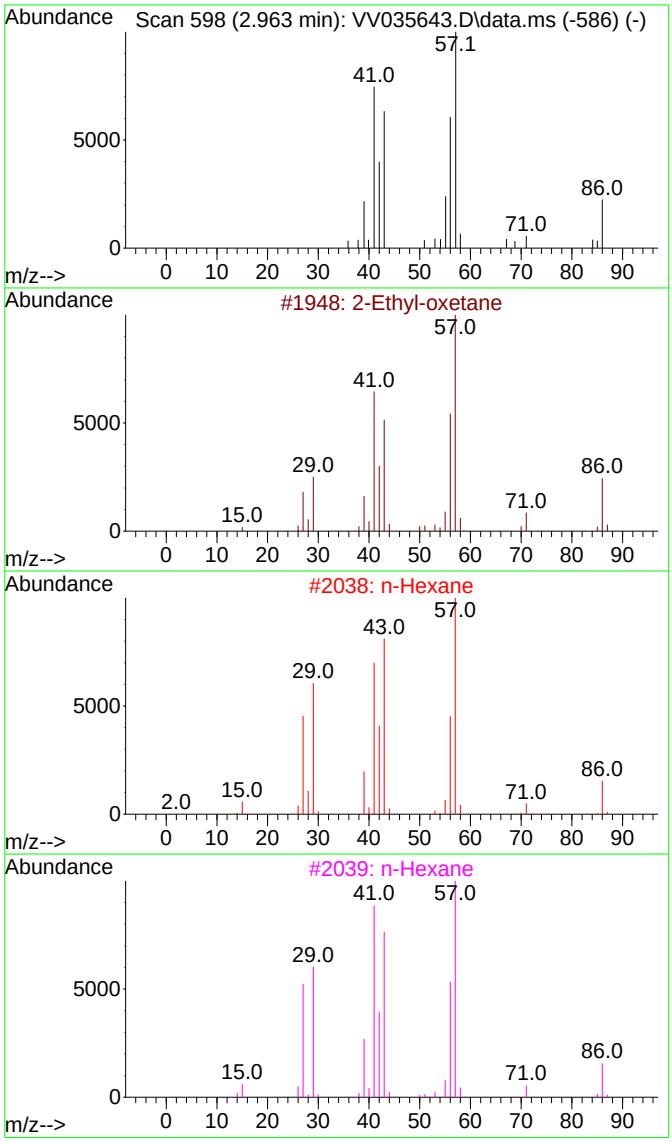
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

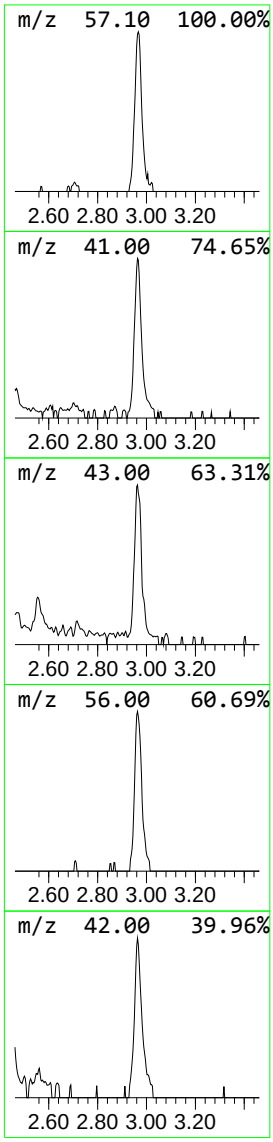
****

Peak Number 1 2-Ethyl-oxetane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.36 ug/L	33551	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	86
2	n-Hexane	86	C6H14	000110-54-3	78
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	56
5	n-Hexane	86	C6H14	000110-54-3	49





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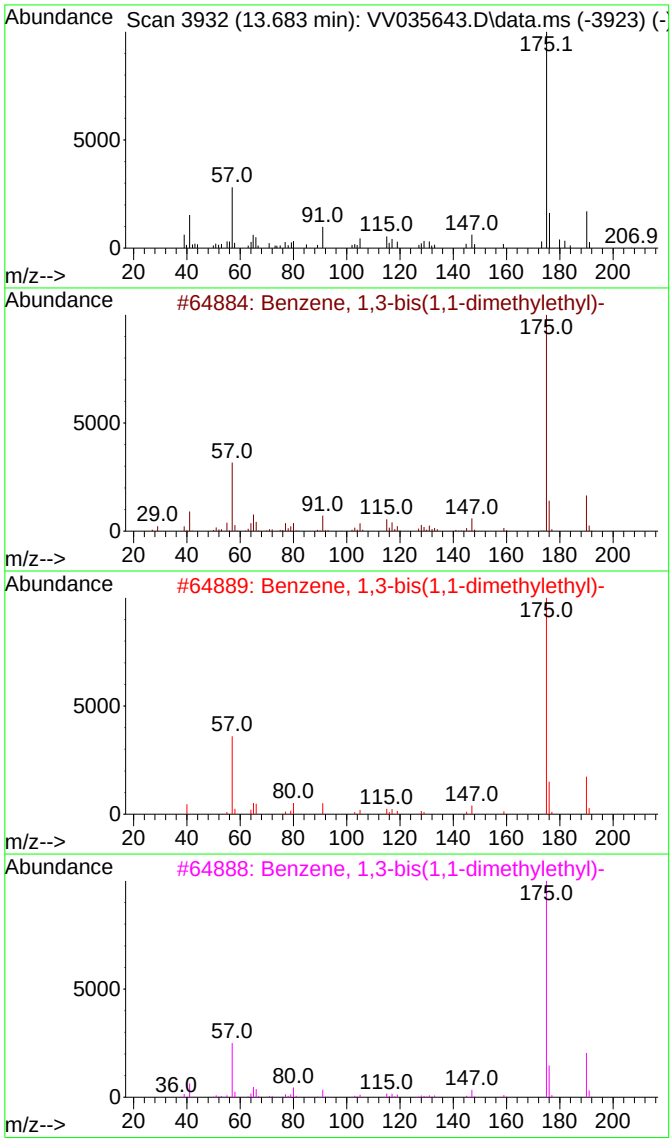
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

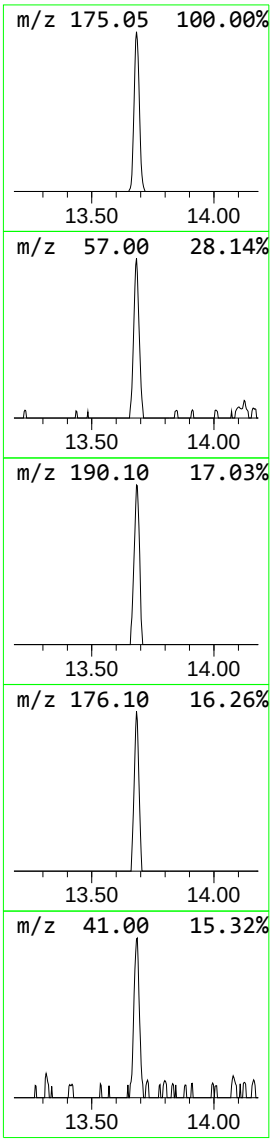
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	1.80 ug/L	42308	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	93
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	93
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83





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
2-Ethyl-oxetane	2.963	1.4	ug/L	33551	1	5.535	614560	25.0
Benzene, 1,3-bi...	13.683	1.8	ug/L	42308	3	11.185	588020	25.0