LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052024\
Data File : VV035630.D
Acq On : 20 May 2024 12:00
Operator : SY/MD
Sample : VV0520SBL01
Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK299

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: VV035630.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	92	rVB	184234	197833	15.29%	1.948%
2	1.526	144	151	166	rVB	158349	189062	14.61%	1.862%
3	2.050	304	314	334	rVB	326626	487852	37.70%	4.804%
4	2.439	424	435	456	rBV	93430	164080	12.68%	1.616%
5	2.555	465	471	484	rVB3	3172	6500	0.50%	0.064%
6	2.699	508	516	529	rVB3	2360	5070	0.39%	0.050%
7	2.786	538	543	548	rVB5	448	493	0.04%	0.005%
8	2.822	551	554	560	rVB2	700	585	0.05%	0.006%
9	2.857	560	565	569	rBV4	590	592	0.05%	0.006%
10	2.960	584	597	619	rBV2	34778	73131	5.65%	0.720%
11	3.111	636	644	648	rBV4	835	1075	0.08%	0.011%
12	3.166	657	661	665	rVB3	362	245	0.02%	0.002%
13	3.217	670	677	679	rBV4	310	287	0.02%	0.003%
14	3.741	837	840	845	rVB3	340	323	0.02%	0.003%
15	3.847	854	873	901	rBV3	25406	125517	9.70%	1.236%
16	4.243	978	996	1028	rBV	220919	590725	45.65%	5.817%
17	4.712	1139	1142	1144	rBV2	527	434	0.03%	0.004%
18	4.728	1144	1147	1149	rBV3	564	399	0.03%	0.004%
19	4.793	1162	1167	1173	rBV3	437	498	0.04%	0.005%
20	4.950	1201	1216	1259	rBV2	493654	1294003	100.00%	12.742%
21	5.323	1328	1332	1338	rBV4	437	365	0.03%	0.004%
22	5.371	1342	1347	1350	rBV3	435	461	0.04%	0.005%
23	5.416	1356	1361	1366	rBV2	634	691	0.05%	0.007%
24	5.477	1377	1380	1385	rVB4	515	458	0.04%	0.005%
25	5.529	1385	1396	1436	rBV	424739	918647	70.99%	9.046%
26	5.825	1478	1488	1509	rBV3	24331	57365	4.43%	0.565%
27	5.982	1522	1537	1568	rBV	290929	630498	48.72%	6.208%
28	6.336	1644	1647	1654	rVB4	706	687	0.05%	0.007%
29	6.391	1659	1664	1673	rBV4	597	755	0.06%	0.007%
30	6.432	1673	1677	1682	rBV3	793	1064	0.08%	0.010%
31	6.551	1708	1714	1717	rBV2	510	366	0.03%	0.004%
32	6.911	1815	1826	1858	rBV	129165	260505	20.13%	2.565%
33	7.188	1905	1912	1913	rBV2	674	775	0.06%	0.008%
34	7.239	1917	1928	1965	rBV	549840	996879	77.04%	9.816%
35	7.554	2016	2026	2054	rBV	79223	161233	12.46%	1.588%
36	7.789	2093	2099	2104	rBV5	781	956	0.07%	0.009%

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Misc : 5.00g/10.0mL/MSVOA_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK299

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	7.870	2114	2124	2131	rBV2	8025	13647	1.05%	0.134%
38	8.034	2166	2175	2215	rBV	88865	225921	17.46%	2.225%
39	8.365	2269	2278	2285	rBV6	3049	4665	0.36%	0.046%
40	8.561	2336	2339	2342	rBV3	462	385	0.03%	0.004%
41	8.580	2342	2345	2351	rVV3	451	423	0.03%	0.004%
42	8.722	2384	2389	2392	rBV2	447	392	0.03%	0.004%
43	8.783	2396	2408	2447	rBV	690623	1167940	90.26%	11.500%
44	9.050	2488	2491	2494	rBV2	486	259	0.02%	0.003%
45	9.091	2494	2504	2511	rBV7	2339	4413	0.34%	0.043%
46	9.259	2552	2556	2560	rVB3	474	397	0.03%	0.004%
47	9.394	2596	2598	2601	rBV	444	248	0.02%	0.002%
48	9.484	2621	2626	2627	rBV3	1760	1373	0.11%	0.014%
49	9.599	2660	2662	2667	rVB3	561	350	0.03%	0.003%
50	9.673	2681	2685	2686	rBV	390	251	0.02%	0.002%
51	9.725	2699	2701	2705	rVB2	467	270	0.02%	0.003%
52	9.821	2727	2731	2734	rBV3	282	242	0.02%	0.002%
53	9.876	2739	2748	2753	rBV4	1541	2448	0.19%	0.024%
54	10.037	2794	2798	2800	rBV	396	307	0.02%	0.003%
55	10.149	2820	2833	2851	rBV	241550	392360	30.32%	3.863%
56	10.323	2878	2887	2899	rVB2	15838	26724	2.07%	0.263%
57	10.374	2899	2903	2909	rVB3	389	370	0.03%	0.004%
58	10.432	2917	2921	2925	rBV2	348	242	0.02%	0.002%
59	10.484	2929	2937	2950	rVB2	1715	2755	0.21%	0.027%
60	10.660	2989	2992	2997	rVB2	433	364	0.03%	0.004%
61	10.683	2997	2999	3007	rBV2	446	457	0.04%	0.004%
62	10.728	3007	3013	3014	rBV2	383	365	0.03%	0.004%
63	10.866	3047	3056	3065	rVV6	1870	3442	0.27%	0.034%
64	10.931	3071	3076	3079	rBV2	342	372	0.03%	0.004%
65	11.130	3130	3138	3144	rBV4	2593	4080	0.32%	0.040%
66	11.181	3144	3154	3188	rVV	684064	1102828	85.23%	10.859%
67	11.558	3259	3271	3295	rBV	566055	915712	70.77%	9.017%
68	11.840	3357	3359	3362	rBV3	499	372	0.03%	0.004%
69	11.908	3376	3380	3383	rBV3	575	425	0.03%	0.004%
70	11.979	3399	3402	3404	rBV2	686	504	0.04%	0.005%
71	12.021	3411	3415	3421	rBV3	530	513	0.04%	0.005%
72	12.149	3452	3455	3458	rVB2	392	242	0.02%	0.002%
73	12.194	3458	3469	3479	rBV2	13254	21856	1.69%	0.215%
74	12.310	3501	3505	3508	rBV3	813	841	0.06%	0.008%
75	12.326	3508	3510	3513	rVV2	557	325	0.03%	0.003%
76	12.377	3524	3526	3531	rBV3	544	432	0.03%	0.004%

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VBLK299

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Peak separation: 5

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

77	12.467	3551	3554	3556	rBV3	442	256	0.02%	0.003%
78	12.525	3569	3572	3574	rBV2	384	302	0.02%	0.003%
79	12.590	3584	3592	3597	rBV5	2832	3800	0.29%	0.037%
80	12.648	3608	3610	3613	rVB3	570	293	0.02%	0.003%
81	12.664	3613	3615	3620	rBV2	401	279	0.02%	0.003%
82	12.763	3642	3646	3647	rBV	460	263	0.02%	0.003%
83	12.831	3659	3667	3674	rVB5	2995	4236	0.33%	0.042%
84	12.863	3675	3677	3682	rVB3	393	254	0.02%	0.003%
85	12.892	3682	3686	3688	rBV	468	268	0.02%	0.003%
86	13.011	3720	3723	3725	rBV3	487	345	0.03%	0.003%
87	13.078	3739	3744	3750	rVB4	880	1036	0.08%	0.010%
88	13.162	3767	3770	3773	rBV2	308	270	0.02%	0.003%
89	13.204	3778	3783	3786	rBV3	2381	2396	0.19%	0.024%
90	13.258	3797	3800	3802	rBV3	648	431	0.03%	0.004%
91	13.326	3818	3821	3826	rVB3	683	567	0.04%	0.006%
92	13.397	3840	3843	3844	rBV2	517	319	0.02%	0.003%
93	13.448	3855	3859	3870	rVV3	2154	3168	0.24%	0.031%
94	13.586	3898	3902	3905	rBV4	392	333	0.03%	0.003%
95	13.683	3923	3932	3943	rVB	40236	58337	4.51%	0.574%
96	13.824	3972	3976	3978	rBV3	643	543	0.04%	0.005%
97	13.982	4019	4025	4037	rVB2	4016	6674	0.52%	0.066%
98	14.043	4042	4044	4047	rBV2	434	277	0.02%	0.003%
99	14.107	4061	4064	4066	rBV3	707	509	0.04%	0.005%
100	14.168	4079	4083	4089	rVB5	805	677	0.05%	0.007%

Sum of corrected areas: 10155754

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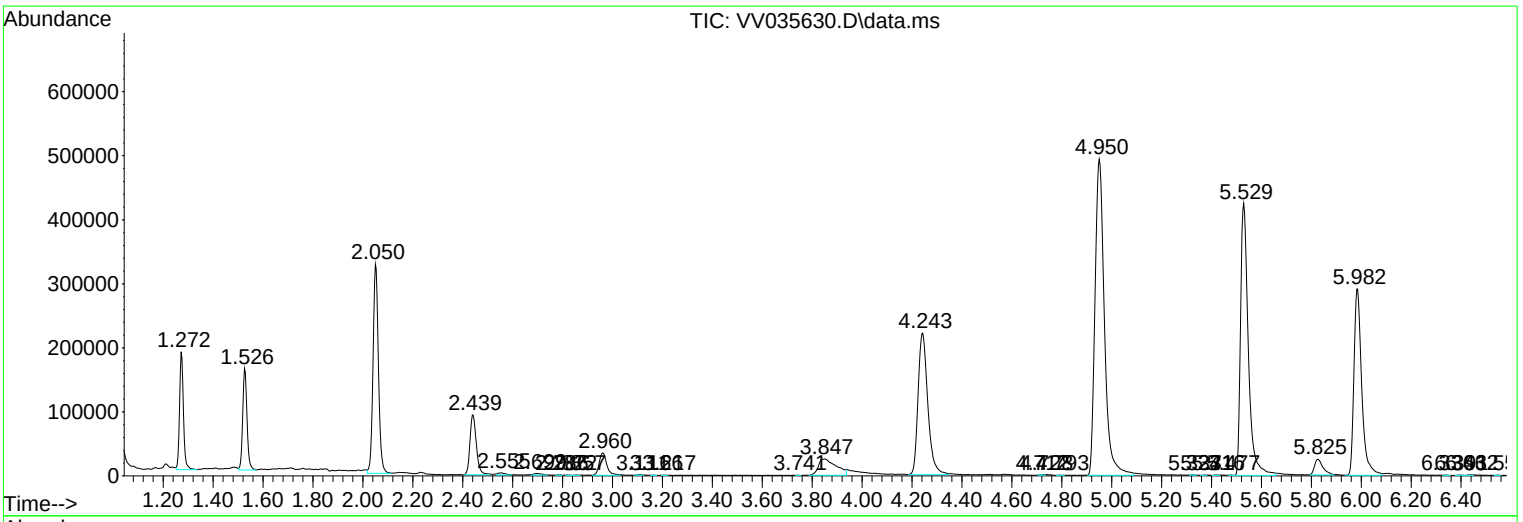
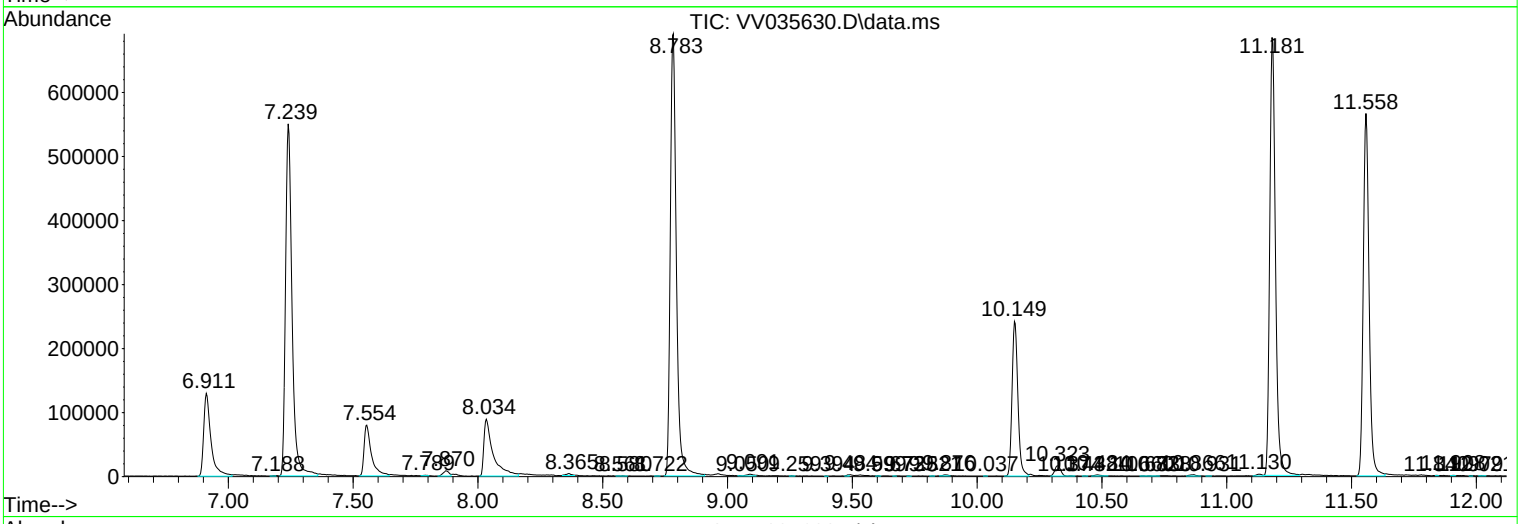
ALS Vial : 3 Sample Multiplier: 1

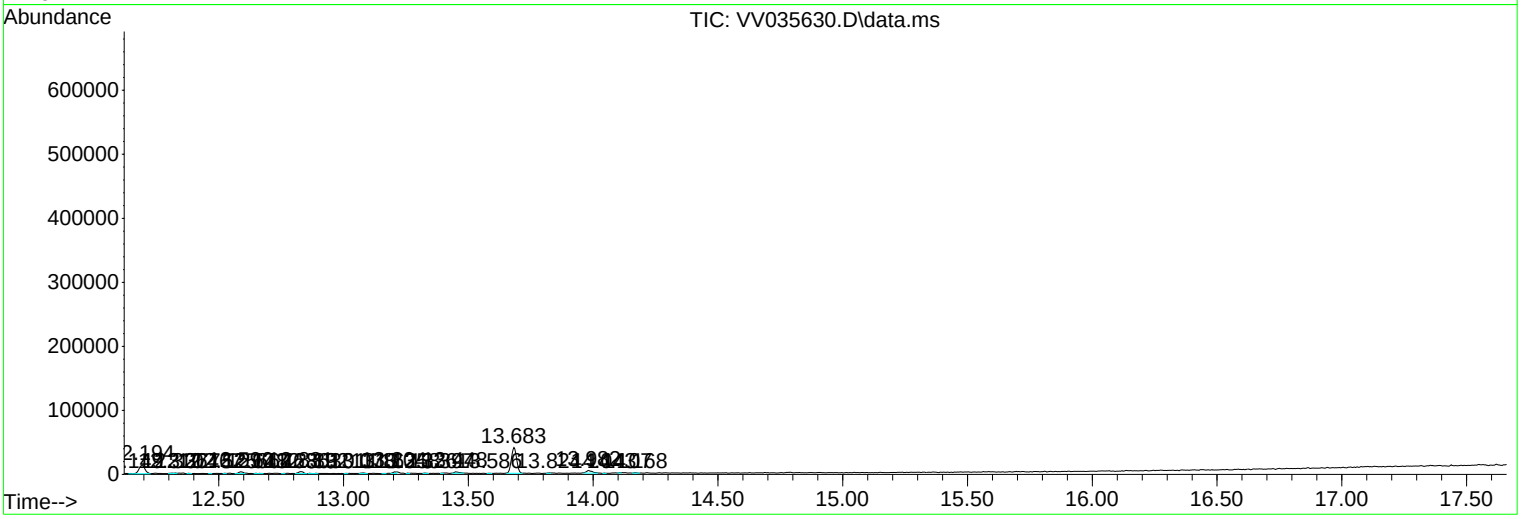
Instrument :
MSVOA_V
ClientSampleId :
VBLK299

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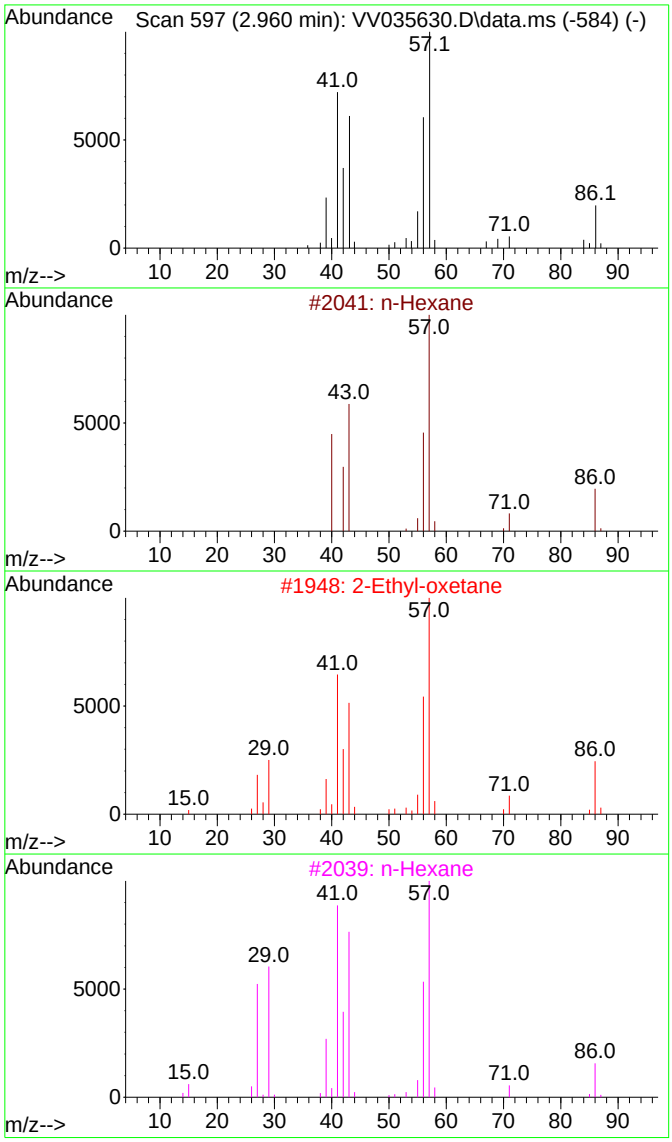
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

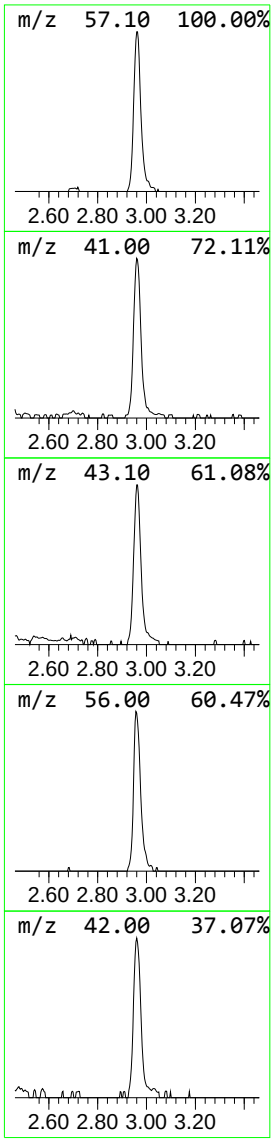
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.960	1.99 ug/L	73131	1,4-Difluorobenzene	5.529

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	64
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	64
3	n-Hexane	86	C6H14	000110-54-3	59
4	n-Hexane	86	C6H14	000110-54-3	50
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	47





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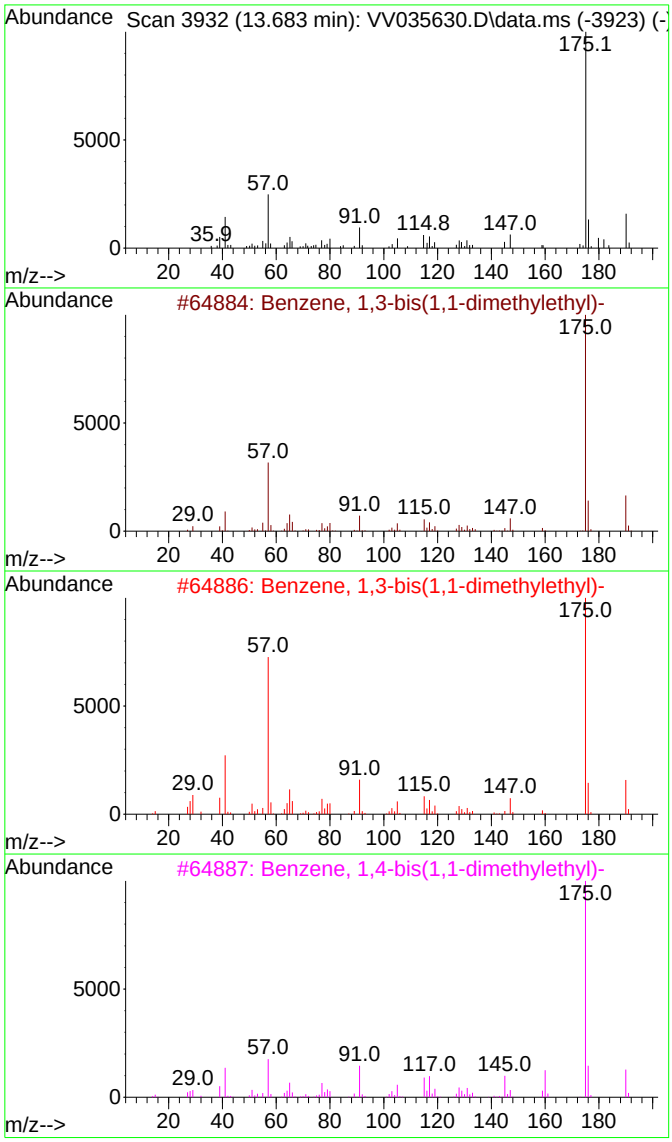
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

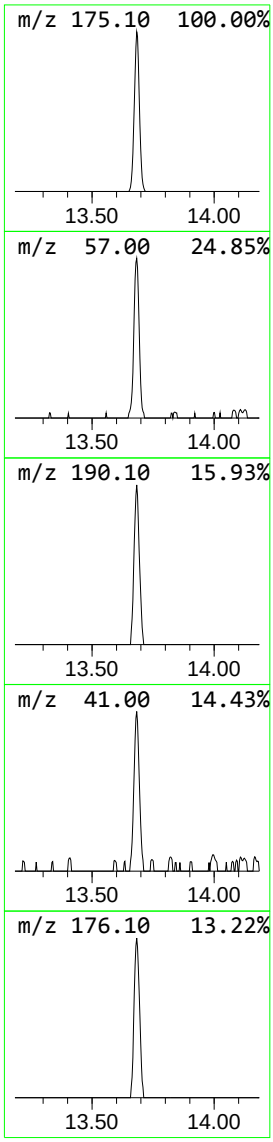
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	1.32 ug/L	58337	1,4-Dichlorobenzene-d4	11.181

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	94
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
3	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	83
4	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	80
5	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	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...	2.960	2.0	ug/L	73131	1	5.529	918647	25.0
Benzene, 1,3-bi...	13.683	1.3	ug/L	58337	3	11.181	1102830	25.0