LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035754.D
Acq On : 24 May 2024 18:03
Operator : SY/MD
Sample : P2577-11
Misc : 5.37g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBN9

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: VV035754.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	66	73	91	rVB	230502	248434	21.89%	3.546%
2	1.529	145	152	167	rVB	180419	213347	18.80%	3.045%
3	2.053	305	315	333	rBV	342036	493499	43.49%	7.043%
4	2.442	428	436	455	rVB	59874	102315	9.02%	1.460%
5	2.555	461	471	489	rVB2	21551	46164	4.07%	0.659%
6	2.966	581	599	617	rBV2	29004	61497	5.42%	0.878%
7	3.108	641	643	648	rVB2	588	343	0.03%	0.005%
8	3.166	658	661	665	rVB2	467	363	0.03%	0.005%
9	3.841	848	871	932	rBV2	61772	353400	31.14%	5.044%
10	4.246	983	997	1030	rVB	192468	503621	44.38%	7.188%
11	4.510	1076	1079	1083	rBV3	593	462	0.04%	0.007%
12	4.574	1096	1099	1103	rBV5	468	336	0.03%	0.005%
13	4.603	1106	1108	1112	rVB3	467	338	0.03%	0.005%
14	4.773	1158	1161	1165	rBV3	334	280	0.02%	0.004%
15	4.954	1203	1217	1259	rBV2	427954	1134798	100.00%	16.196%
16	5.195	1290	1292	1299	rVB5	776	565	0.05%	0.008%
17	5.275	1314	1317	1319	rBV3	367	293	0.03%	0.004%
18	5.310	1324	1328	1333	rBV4	433	426	0.04%	0.006%
19	5.355	1339	1342	1344	rBV3	707	443	0.04%	0.006%
20	5.449	1369	1371	1374	rVB3	611	282	0.02%	0.004%
21	5.471	1374	1378	1385	rVB5	776	951	0.08%	0.014%
22	5.532	1386	1397	1431	rBV	319455	692628	61.04%	9.885%
23	5.831	1478	1490	1509	rBV2	14829	35702	3.15%	0.510%
24	5.989	1526	1539	1570	rBV	253253	541972	47.76%	7.735%
25	6.224	1609	1612	1617	rVB4	624	459	0.04%	0.007%
26	6.455	1678	1684	1688	rBV3	486	504	0.04%	0.007%
27	6.577	1718	1722	1726	rBV3	808	577	0.05%	0.008%
28	6.625	1735	1737	1741	rVB2	458	287	0.03%	0.004%
29	6.834	1797	1802	1805	rBV3	589	568	0.05%	0.008%
30	6.918	1818	1828	1855	rBV	75945	156473	13.79%	2.233%
31	7.060	1869	1872	1874	rVB3	547	339	0.03%	0.005%
32	7.124	1888	1892	1895	rBV4	437	327	0.03%	0.005%
33	7.143	1895	1898	1901	rBV3	410	305	0.03%	0.004%
34	7.179	1904	1909	1911	rBV5	553	500	0.04%	0.007%
35	7.243	1917	1929	1965	rBV	356933	662308	58.36%	9.453%
36	7.561	2019	2028	2053	rVV	45620	92932	8.19%	1.326%

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Instrument :
MSVOA_V
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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

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Peak separation: 5

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

37	7.706	2072	2073	2077	rVB2	714	409	0.04%	0.006%
38	7.783	2095	2097	2102	rVB4	421	303	0.03%	0.004%
39	7.809	2102	2105	2113	rVB6	750	832	0.07%	0.012%
40	7.876	2113	2126	2136	rBV3	13214	24072	2.12%	0.344%
41	8.040	2168	2177	2211	rBV2	51490	139725	12.31%	1.994%
42	8.362	2267	2277	2293	rBV3	16987	30023	2.65%	0.429%
43	8.503	2319	2321	2323	rBV2	644	435	0.04%	0.006%
44	8.539	2329	2332	2335	rVB2	594	370	0.03%	0.005%
45	8.596	2345	2350	2351	rBV	440	379	0.03%	0.005%
46	8.661	2366	2370	2372	rBV2	411	370	0.03%	0.005%
47	8.786	2392	2409	2432	rBV	336197	584292	51.49%	8.339%
48	9.082	2497	2501	2508	rVB6	680	664	0.06%	0.009%
49	9.378	2589	2593	2597	rBV2	295	292	0.03%	0.004%
50	9.506	2630	2633	2638	rBV3	432	377	0.03%	0.005%
51	9.654	2673	2679	2681	rBV2	316	344	0.03%	0.005%
52	9.760	2710	2712	2720	rVB3	363	286	0.03%	0.004%
53	9.838	2732	2736	2740	rVB2	783	709	0.06%	0.010%
54	9.944	2765	2769	2775	rVB3	352	374	0.03%	0.005%
55	10.053	2800	2803	2805	rBV3	518	380	0.03%	0.005%
56	10.153	2823	2834	2855	rBV	173896	284987	25.11%	4.067%
57	10.323	2875	2887	2901	rVB2	28076	46288	4.08%	0.661%
58	10.532	2949	2952	2957	rVV2	431	322	0.03%	0.005%
59	10.712	3005	3008	3010	rVV2	502	292	0.03%	0.004%
60	10.728	3010	3013	3014	rVV2	583	300	0.03%	0.004%
61	10.747	3014	3019	3028	rVV7	1462	2559	0.23%	0.037%
62	10.854	3046	3052	3059	rVB4	1454	1921	0.17%	0.027%
63	11.079	3116	3122	3134	rBV6	3627	5628	0.50%	0.080%
64	11.133	3134	3139	3142	rVB5	745	573	0.05%	0.008%
65	11.188	3145	3156	3175	rBV	134450	225514	19.87%	3.219%
66	11.297	3188	3190	3192	rBV2	674	350	0.03%	0.005%
67	11.323	3192	3198	3200	rBV5	1992	1990	0.18%	0.028%
68	11.407	3222	3224	3228	rVB4	571	299	0.03%	0.004%
69	11.561	3262	3272	3287	rBV2	117329	192915	17.00%	2.753%
70	11.776	3332	3339	3354	rBV8	2394	4247	0.37%	0.061%
71	11.847	3355	3361	3365	rBV4	911	962	0.08%	0.014%
72	11.918	3376	3383	3385	rBV3	1242	1329	0.12%	0.019%
73	11.989	3401	3405	3409	rBV3	352	339	0.03%	0.005%
74	12.194	3458	3469	3479	rVV2	13353	22289	1.96%	0.318%
75	12.439	3543	3545	3554	rVB2	746	598	0.05%	0.009%
76	12.490	3554	3561	3562	rBV2	513	431	0.04%	0.006%

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ALS Vial : 25 Sample Multiplier: 1

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MSVOA_V
ClientSampleId :
BHBN9

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	12.580	3583	3589	3591	rBV	690	728	0.06%	0.010%
78	12.638	3603	3607	3609	rBV2	575	356	0.03%	0.005%
79	12.670	3612	3617	3618	rBV3	484	387	0.03%	0.006%
80	12.763	3643	3646	3649	rBV3	448	304	0.03%	0.004%
81	12.828	3656	3666	3677	rVB5	3948	6094	0.54%	0.087%
82	12.905	3687	3690	3693	rBV2	410	294	0.03%	0.004%
83	13.069	3737	3741	3742	rBV3	648	449	0.04%	0.006%
84	13.323	3816	3820	3825	rVB5	770	768	0.07%	0.011%
85	13.403	3841	3845	3848	rBV4	378	315	0.03%	0.004%
86	13.606	3904	3908	3910	rBV3	439	445	0.04%	0.006%
87	13.625	3912	3914	3918	rVV3	853	665	0.06%	0.009%
88	13.683	3921	3932	3943	rVV	41779	60514	5.33%	0.864%
89	13.776	3960	3961	3965	rVB2	643	325	0.03%	0.005%
90	13.812	3969	3972	3975	rBV5	380	301	0.03%	0.004%
91	13.834	3976	3979	3982	rBV3	657	597	0.05%	0.009%
92	13.879	3989	3993	3996	rBV	389	386	0.03%	0.006%
93	13.937	4009	4011	4015	rVB3	433	315	0.03%	0.004%
94	13.979	4015	4024	4025	rBV4	2397	2280	0.20%	0.033%
95	14.030	4036	4040	4043	rBV	477	437	0.04%	0.006%
96	14.079	4047	4055	4056	rBV5	948	974	0.09%	0.014%
97	14.124	4065	4069	4076	rVB6	1073	1308	0.12%	0.019%
98	14.458	4170	4173	4174	rBV3	529	302	0.03%	0.004%
99	14.532	4193	4196	4202	rVB5	793	573	0.05%	0.008%
100	14.564	4202	4206	4209	rBV3	542	608	0.05%	0.009%

Sum of corrected areas: 7006532

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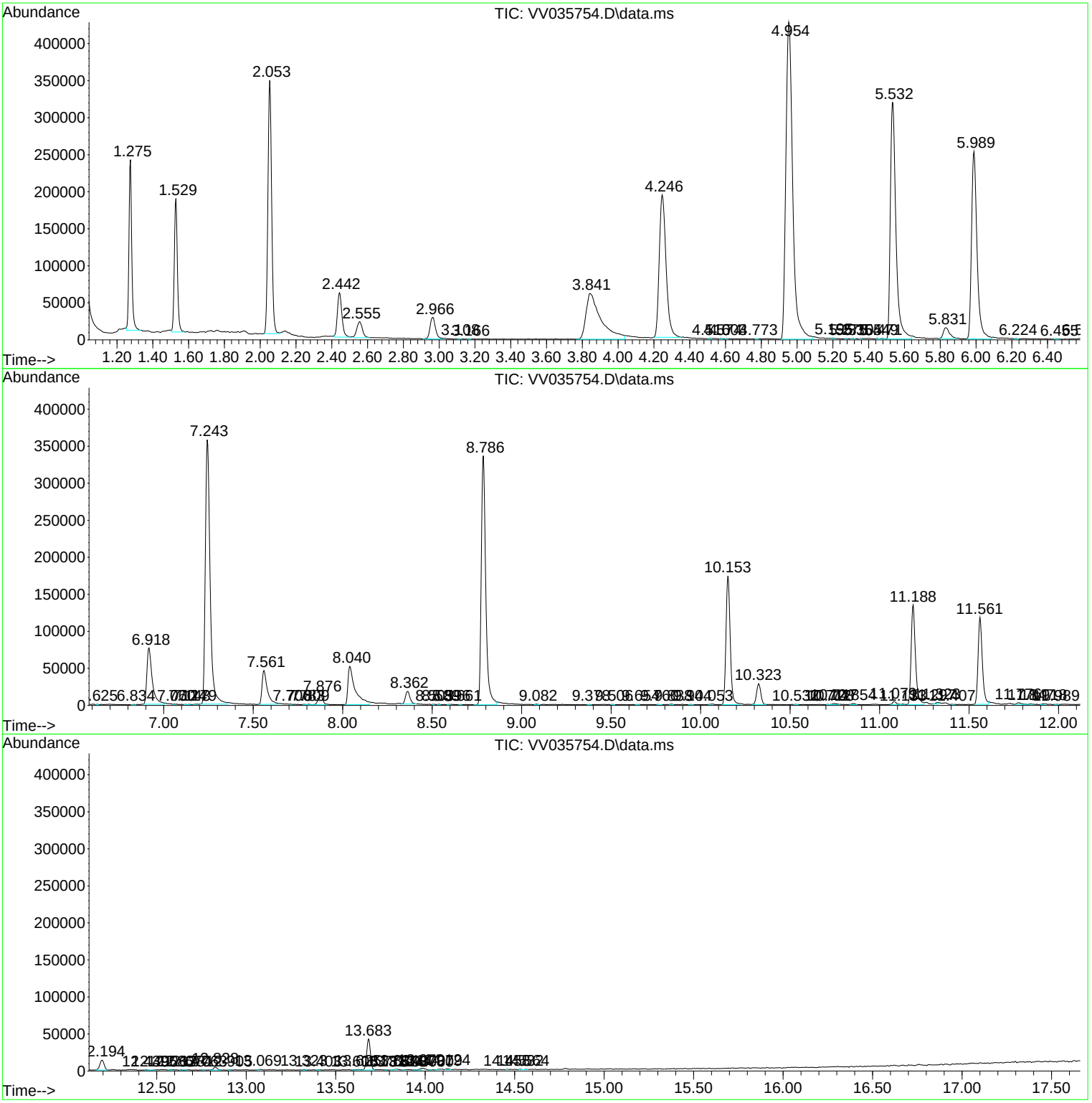
Instrument :
MSVOA_V
ClientSampleId :
BHBN9

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\VV052424\
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Instrument :
MSVOA_V
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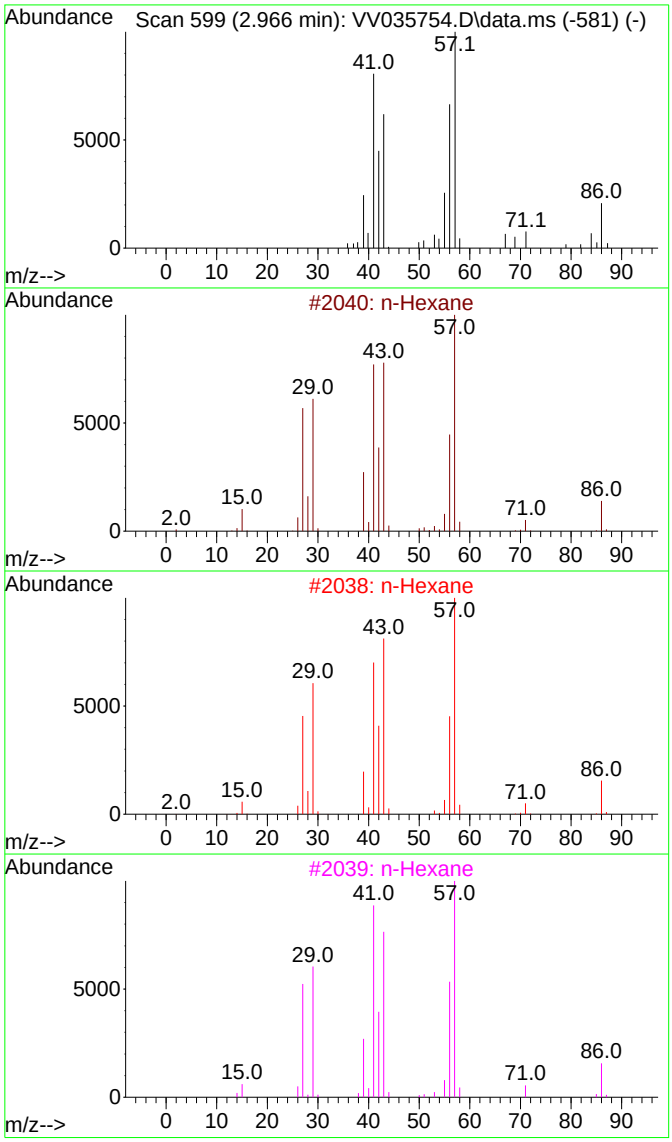
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

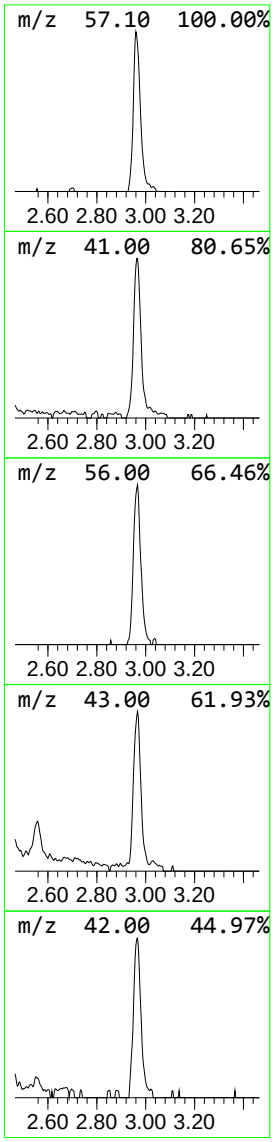
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.966	2.22 ug/L	61497	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	78
3	n-Hexane	86	C6H14	000110-54-3	72
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	59
5	n-Hexane	86	C6H14	000110-54-3	50





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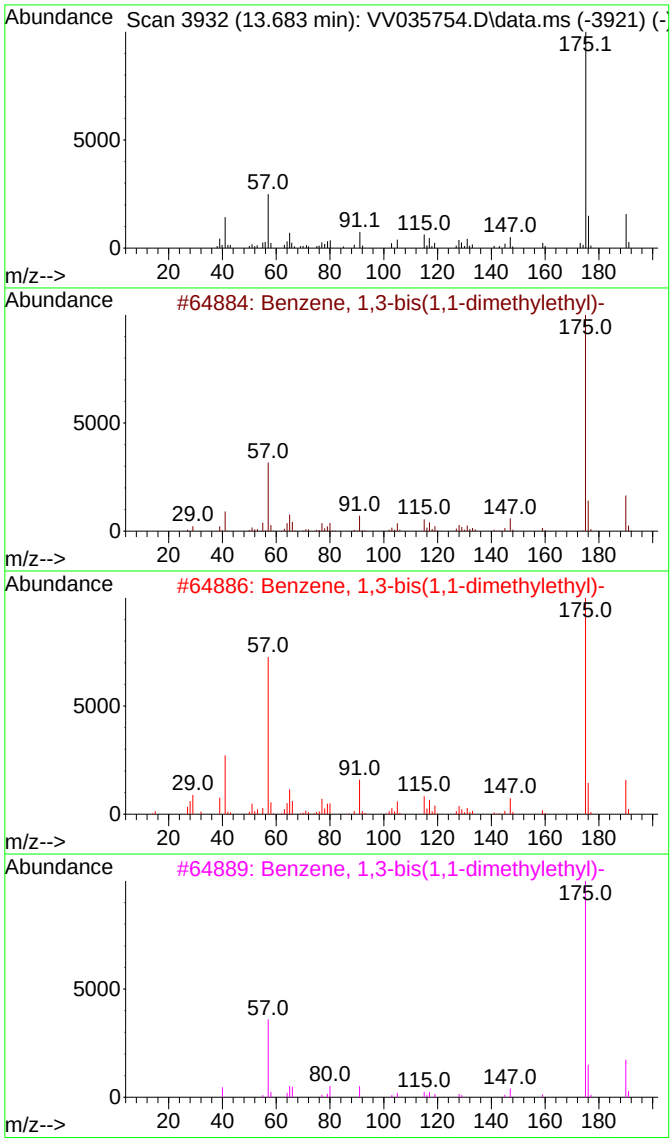
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

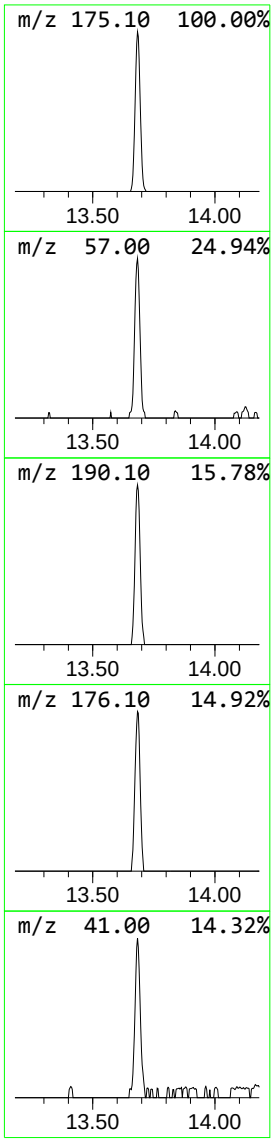
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	6.71 ug/L	60514	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	94
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	91
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	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	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
(DEL) Alkane: S...	2.966	2.2	ug/L	61497	1	5.535	692628	25.0
Benzene, 1,3-bi...	13.683	6.7	ug/L	60514	3	11.188	225514	25.0