LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052424\
Data File : VV035750.D
Acq On : 24 May 2024 16:32
Operator : SY/MD
Sample : P2577-06
Misc : 6.17g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBN4

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: VV035750.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	89	rVB	243742	265576	18.87%	2.610%
2	1.529	144	152	166	rVB	188985	227898	16.19%	2.240%
3	2.053	305	315	336	rVB	387749	567447	40.31%	5.577%
4	2.442	427	436	457	rVB	52303	92529	6.57%	0.909%
5	2.555	461	471	485	rVB	22011	45166	3.21%	0.444%
6	2.863	562	567	569	rBV5	743	707	0.05%	0.007%
7	2.963	585	598	620	rVB	28488	59929	4.26%	0.589%
8	3.130	645	650	654	rBV4	759	939	0.07%	0.009%
9	3.526	766	773	777	rVB3	318	323	0.02%	0.003%
10	3.561	777	784	787	rBV2	397	442	0.03%	0.004%
11	3.844	851	872	922	rBV2	66189	361798	25.70%	3.556%
12	4.246	982	997	1025	rBV	229944	602257	42.79%	5.919%
13	4.529	1082	1085	1089	rVB4	754	469	0.03%	0.005%
14	4.561	1093	1095	1098	rVV2	461	367	0.03%	0.004%
15	4.593	1102	1105	1108	rBV2	614	317	0.02%	0.003%
16	4.657	1121	1125	1131	rVB3	438	524	0.04%	0.005%
17	4.693	1131	1136	1137	rBV	527	431	0.03%	0.004%
18	4.780	1159	1163	1165	rBV	581	414	0.03%	0.004%
19	4.834	1178	1180	1183	rVB3	957	453	0.03%	0.004%
20	4.873	1187	1192	1195	rBV4	469	545	0.04%	0.005%
21	4.953	1199	1217	1253	rBV2	545164	1407535	100.00%	13.832%
22	5.439	1365	1368	1369	rBV	609	359	0.03%	0.004%
23	5.532	1386	1397	1439	rBV	448778	956207	67.93%	9.397%
24	5.783	1468	1475	1476	rBV4	719	792	0.06%	0.008%
25	5.828	1480	1489	1517	rVB3	21694	53724	3.82%	0.528%
26	5.985	1526	1538	1568	rBV	308350	657744	46.73%	6.464%
27	6.571	1717	1720	1724	rBV4	585	403	0.03%	0.004%
28	6.593	1724	1727	1731	rVB3	732	485	0.03%	0.005%
29	6.699	1753	1760	1762	rBV5	1135	1259	0.09%	0.012%
30	6.915	1817	1827	1851	rBV	127463	250957	17.83%	2.466%
31	7.243	1917	1929	1966	rBV	551344	1002481	71.22%	9.852%
32	7.516	2011	2014	2017	rBV4	698	481	0.03%	0.005%
33	7.558	2017	2027	2052	rVV	82160	161911	11.50%	1.591%
34	7.873	2114	2125	2140	rVB	16102	29815	2.12%	0.293%
35	7.979	2155	2158	2163	rVB3	378	382	0.03%	0.004%
36	8.037	2167	2176	2214	rBV	82511	217966	15.49%	2.142%

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Sample : P2577-06
Misc : 6.17g/10.0mL/MSVOA_V/SOIL/VIAL A
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Instrument :
MSVOA_V
ClientSampleId :
BHBN4

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	8.361	2268	2277	2295	rVB2	20718	38942	2.77%	0.383%
38	8.432	2295	2299	2306	rVB6	803	1020	0.07%	0.010%
39	8.461	2306	2308	2316	rVB3	1078	1151	0.08%	0.011%
40	8.561	2335	2339	2342	rBV4	493	424	0.03%	0.004%
41	8.596	2346	2350	2351	rBV3	631	480	0.03%	0.005%
42	8.783	2397	2408	2437	rBV	647318	1093974	77.72%	10.751%
43	8.976	2466	2468	2469	rBV2	710	322	0.02%	0.003%
44	9.078	2498	2500	2504	rBV3	579	397	0.03%	0.004%
45	9.471	2617	2622	2624	rBV2	380	357	0.03%	0.004%
46	9.542	2639	2644	2646	rBV3	516	424	0.03%	0.004%
47	9.837	2733	2736	2738	rBV	572	385	0.03%	0.004%
48	9.902	2749	2756	2757	rBV	522	481	0.03%	0.005%
49	9.911	2757	2759	2762	rVV2	548	322	0.02%	0.003%
50	10.062	2802	2806	2807	rBV2	796	508	0.04%	0.005%
51	10.152	2823	2834	2853	rVV	250855	405357	28.80%	3.984%
52	10.323	2876	2887	2901	rVB	35879	59710	4.24%	0.587%
53	10.394	2904	2909	2912	rBV2	436	394	0.03%	0.004%
54	10.519	2945	2948	2957	rVB7	913	980	0.07%	0.010%
55	10.635	2979	2984	2985	rBV2	438	322	0.02%	0.003%
56	10.747	3009	3019	3035	rVB4	12229	18455	1.31%	0.181%
57	10.853	3044	3052	3060	rVB6	1823	3187	0.23%	0.031%
58	10.911	3067	3070	3074	rVB2	519	389	0.03%	0.004%
59	10.979	3081	3091	3095	rBV7	995	1599	0.11%	0.016%
60	11.085	3114	3124	3131	rBV5	5145	7988	0.57%	0.079%
61	11.127	3132	3137	3144	rVB7	2595	3143	0.22%	0.031%
62	11.185	3144	3155	3175	rBV	463774	746769	53.06%	7.339%
63	11.561	3260	3272	3293	rBV	384743	623199	44.28%	6.124%
64	11.776	3336	3339	3354	rVB8	2809	5562	0.40%	0.055%
65	11.837	3354	3358	3359	rBV3	1528	960	0.07%	0.009%
66	11.918	3380	3383	3385	rBV3	755	525	0.04%	0.005%
67	12.008	3408	3411	3414	rBV3	409	395	0.03%	0.004%
68	12.059	3424	3427	3432	rVB5	763	642	0.05%	0.006%
69	12.133	3448	3450	3455	rVB4	874	779	0.06%	0.008%
70	12.194	3458	3469	3481	rBV2	19961	32874	2.34%	0.323%
71	12.448	3545	3548	3552	rVB3	529	377	0.03%	0.004%
72	12.500	3560	3564	3566	rBV	680	606	0.04%	0.006%
73	12.529	3569	3573	3582	rVB5	1295	1820	0.13%	0.018%
74	12.567	3582	3585	3586	rBV	864	474	0.03%	0.005%
75	12.625	3600	3603	3605	rVB2	604	342	0.02%	0.003%
76	12.770	3643	3648	3652	rBV4	562	690	0.05%	0.007%

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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BHBN4

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	12.789	3652	3654	3656	rVV	693	346	0.02%	0.003%
78	12.828	3659	3666	3676	rVB4	4807	6940	0.49%	0.068%
79	12.972	3707	3711	3713	rBV2	585	320	0.02%	0.003%
80	13.033	3727	3730	3736	rBV2	566	601	0.04%	0.006%
81	13.082	3736	3745	3746	rBV5	1181	1493	0.11%	0.015%
82	13.297	3809	3812	3815	rBV2	466	329	0.02%	0.003%
83	13.323	3817	3820	3828	rVB6	830	719	0.05%	0.007%
84	13.467	3863	3865	3868	rVB2	680	350	0.02%	0.003%
85	13.490	3868	3872	3877	rBV4	544	375	0.03%	0.004%
86	13.548	3882	3890	3900	rVV	24962	34191	2.43%	0.336%
87	13.606	3904	3908	3912	rVB3	578	455	0.03%	0.004%
88	13.683	3922	3932	3944	rVV	58397	84431	6.00%	0.830%
89	13.789	3962	3965	3967	rBV3	478	338	0.02%	0.003%
90	13.905	3998	4001	4003	rBV2	907	546	0.04%	0.005%
91	13.988	4015	4027	4037	rBV4	3186	6926	0.49%	0.068%
92	14.088	4053	4058	4060	rBV5	919	905	0.06%	0.009%
93	14.165	4080	4082	4088	rVB4	921	627	0.04%	0.006%
94	14.220	4097	4099	4106	rVB5	1287	1114	0.08%	0.011%
95	14.268	4111	4114	4118	rBV3	1020	969	0.07%	0.010%
96	14.364	4141	4144	4148	rBV5	818	540	0.04%	0.005%
97	14.525	4191	4194	4196	rBV4	718	458	0.03%	0.005%
98	14.580	4207	4211	4217	rBV5	768	988	0.07%	0.010%
99	14.782	4270	4274	4285	rVB7	2469	3480	0.25%	0.034%
100	15.072	4362	4364	4367	rBV3	737	407	0.03%	0.004%

Sum of corrected areas: 10175605

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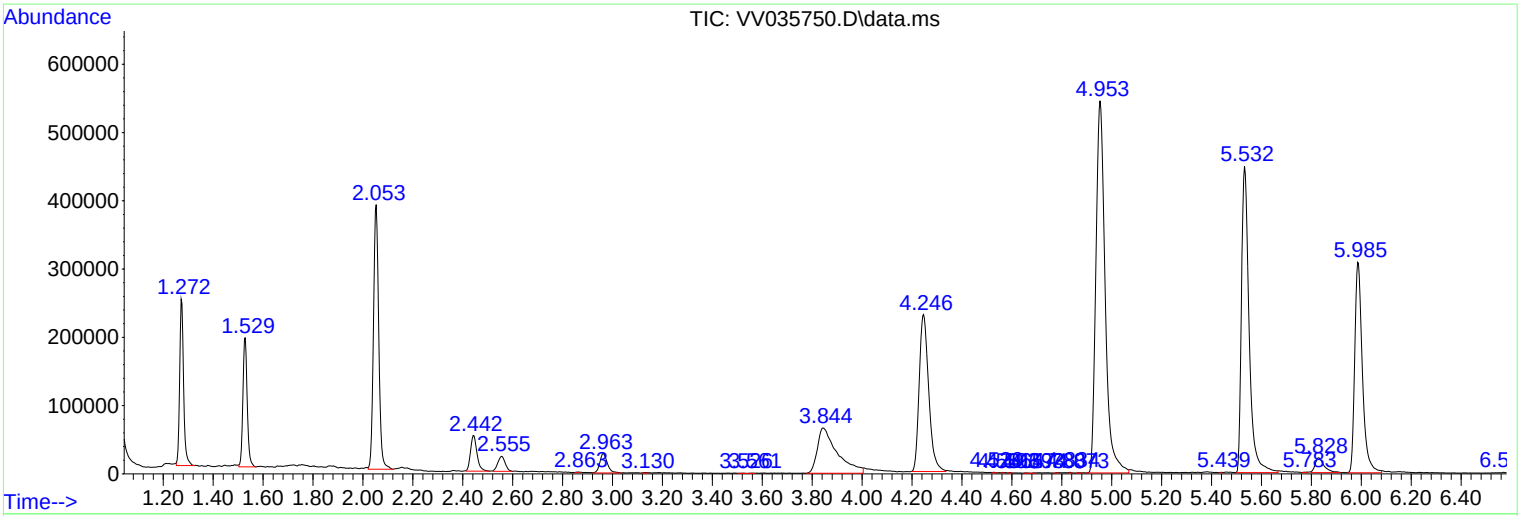
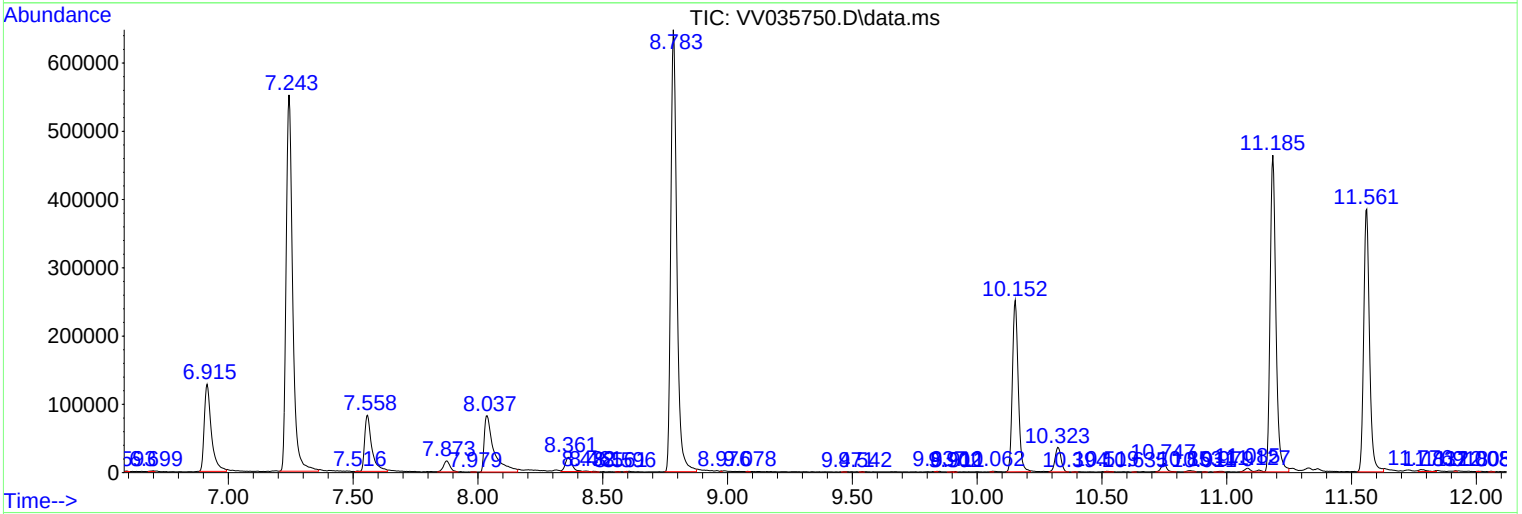
ALS Vial : 21 Sample Multiplier: 1

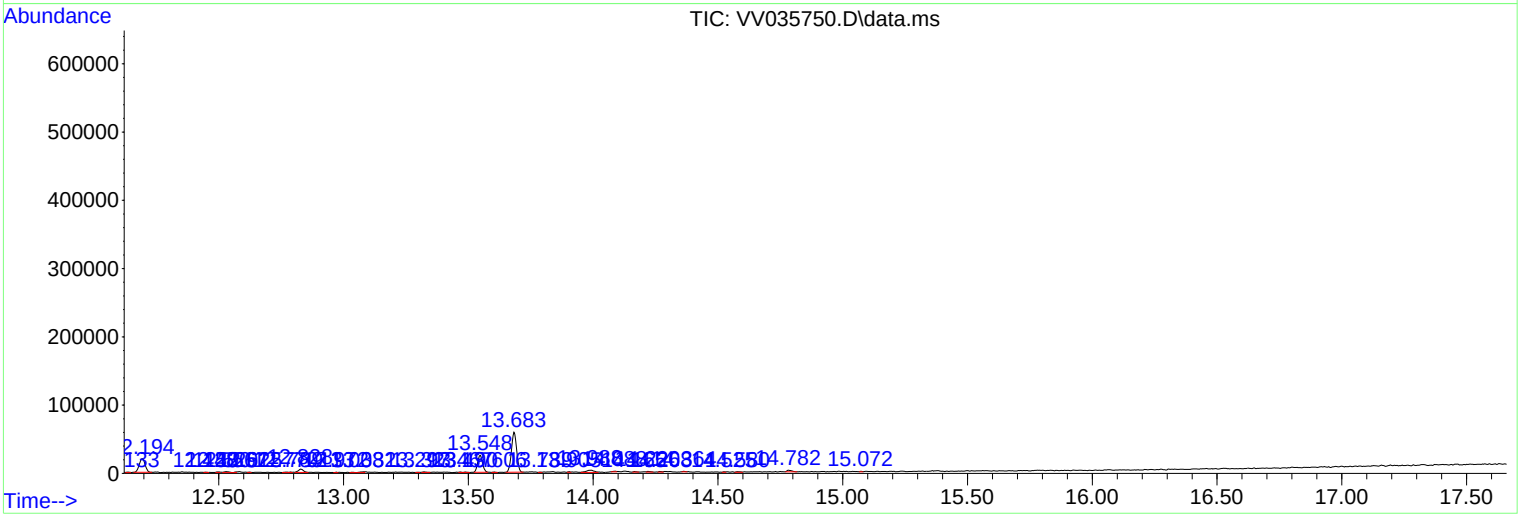
Instrument :
MSVOA_V
ClientSampleId :
BHBN4

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 :
BHBN4

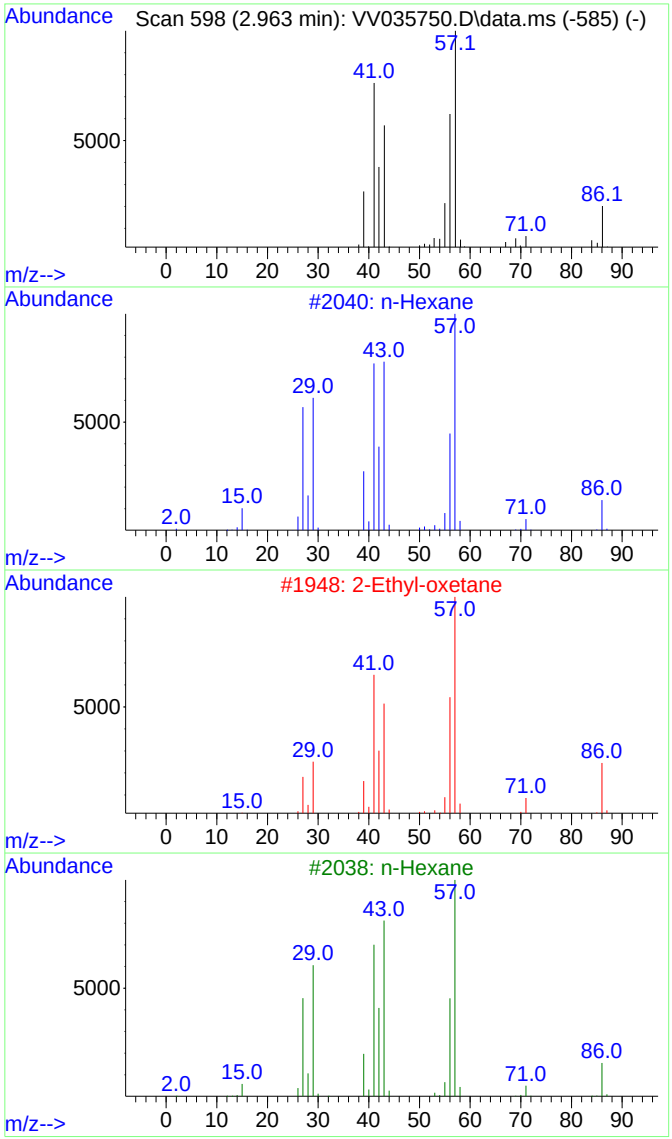
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

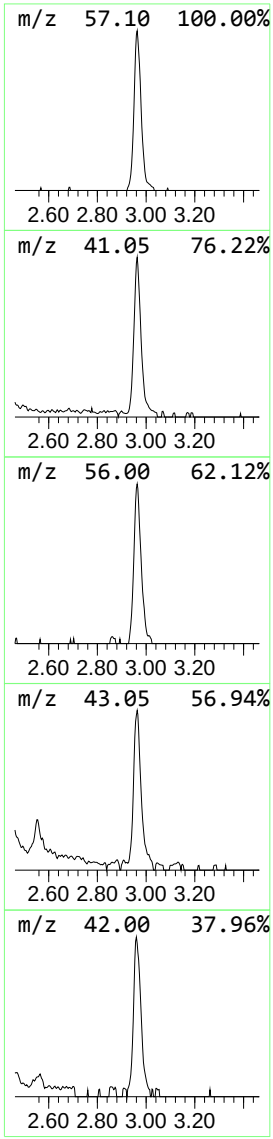
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.57 ug/L	59929	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	80
2	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
3	n-Hexane	86	C6H14	000110-54-3	72
4	n-Hexane	86	C6H14	000110-54-3	64
5	n-Hexane	86	C6H14	000110-54-3	58





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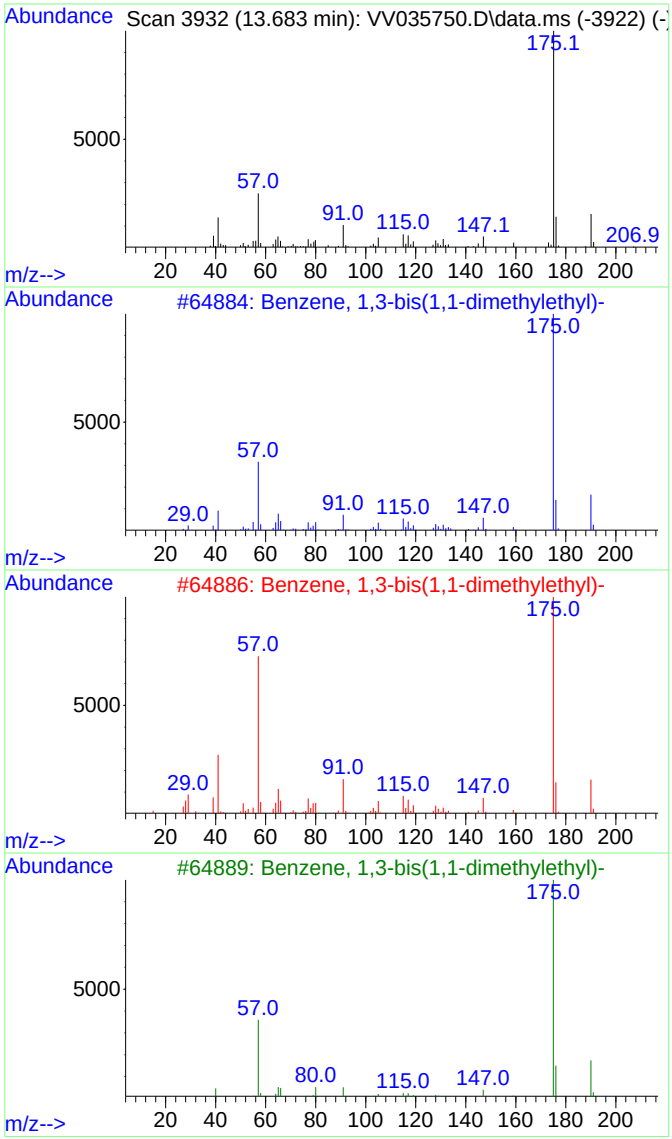
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

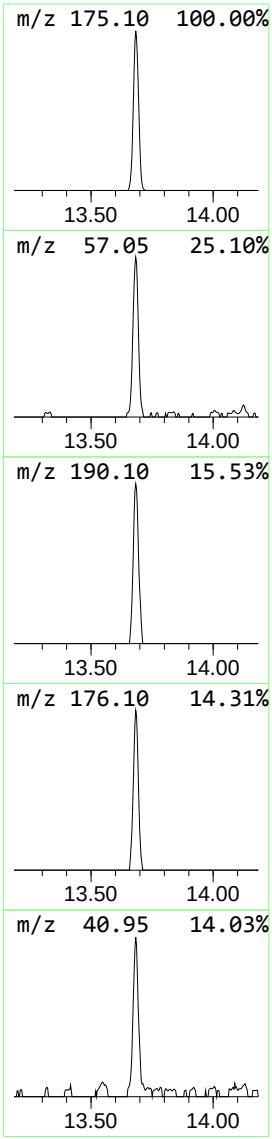
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	2.83 ug/L	84431	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	96
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	94
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	90
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	87
5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	86





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	1.6	ug/L	59929	1	5.532	956207	25.0
Benzene, 1,3-bi...	13.683	2.8	ug/L	84431	3	11.185	746769	25.0