LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035649.D
Acq On : 21 May 2024 19:30
Operator : SY/MD
Sample : P2547-09
Misc : 5.46g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5Q2

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: VV035649.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	85	rVB	144305	156551	14.66%	2.174%
2	1.529	145	152	166	rVB	130699	157492	14.75%	2.187%
3	2.053	305	315	330	rBV	247796	358855	33.60%	4.984%
4	2.442	425	436	456	rVB	116439	197244	18.47%	2.739%
5	2.555	463	471	483	rVB	12115	23526	2.20%	0.327%
6	2.638	494	497	500	rBV3	520	447	0.04%	0.006%
7	2.699	508	516	519	rBV7	2022	2753	0.26%	0.038%
8	2.876	568	571	574	rBV3	478	385	0.04%	0.005%
9	2.963	586	598	615	rBV2	18410	38537	3.61%	0.535%
10	3.580	787	790	796	rVB	293	313	0.03%	0.004%
11	3.844	851	872	908	rBV2	46692	239364	22.41%	3.324%
12	4.246	982	997	1033	rBV2	192556	507879	47.56%	7.053%
13	4.571	1094	1098	1102	rBV6	884	967	0.09%	0.013%
14	4.683	1128	1133	1138	rVB	718	807	0.08%	0.011%
15	4.715	1138	1143	1146	rBV4	1141	1282	0.12%	0.018%
16	4.899	1195	1200	1201	rBV	425	305	0.03%	0.004%
17	4.953	1202	1217	1263	rVV2	403127	1067975	100.00%	14.832%
18	5.368	1342	1346	1348	rBV3	723	643	0.06%	0.009%
19	5.448	1369	1371	1375	rBV4	556	343	0.03%	0.005%
20	5.535	1387	1398	1433	rBV	268447	580056	54.31%	8.056%
21	5.828	1479	1489	1510	rBV4	22236	52167	4.88%	0.724%
22	5.989	1526	1539	1571	rBV	250033	536410	50.23%	7.450%
23	6.252	1619	1621	1625	rVB4	822	501	0.05%	0.007%
24	6.381	1657	1661	1665	rVV5	411	377	0.04%	0.005%
25	6.445	1675	1681	1682	rBV	601	572	0.05%	0.008%
26	6.526	1702	1706	1711	rBV4	772	744	0.07%	0.010%
27	6.651	1742	1745	1747	rBV	521	382	0.04%	0.005%
28	6.773	1781	1783	1787	rBV3	547	493	0.05%	0.007%
29	6.915	1817	1827	1851	rBV	91037	187047	17.51%	2.598%
30	7.243	1915	1929	1953	rBV	360312	663547	62.13%	9.215%
31	7.558	2017	2027	2050	rBV	57827	119506	11.19%	1.660%
32	7.789	2095	2099	2101	rBV3	534	367	0.03%	0.005%
33	7.808	2101	2105	2113	rVB7	864	1033	0.10%	0.014%
34	7.876	2113	2126	2135	rBV3	10710	19145	1.79%	0.266%
35	8.037	2167	2176	2215	rBV2	79046	212675	19.91%	2.954%
36	8.310	2259	2261	2267	rBV5	673	529	0.05%	0.007%

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Instrument :
MSVOA_V
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BH5Q2

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	8.365	2269	2278	2291	rVB3	19661	33587	3.14%	0.466%
38	8.468	2308	2310	2313	rVB3	621	369	0.03%	0.005%
39	8.493	2315	2318	2321	rVB3	707	560	0.05%	0.008%
40	8.525	2321	2328	2329	rBV3	582	532	0.05%	0.007%
41	8.625	2356	2359	2366	rVB3	443	416	0.04%	0.006%
42	8.786	2397	2409	2436	rBV	385267	659166	61.72%	9.154%
43	8.947	2457	2459	2460	rBV2	681	310	0.03%	0.004%
44	8.960	2460	2463	2464	rBV2	796	469	0.04%	0.007%
45	9.008	2475	2478	2484	rVB5	756	542	0.05%	0.008%
46	9.095	2501	2505	2509	rVV4	1090	1216	0.11%	0.017%
47	9.387	2592	2596	2600	rBV	393	330	0.03%	0.005%
48	9.490	2619	2628	2634	rBV3	1486	2177	0.20%	0.030%
49	9.545	2643	2645	2650	rVV4	898	858	0.08%	0.012%
50	9.612	2661	2666	2668	rBV3	705	505	0.05%	0.007%
51	9.651	2675	2678	2684	rBV2	400	375	0.04%	0.005%
52	9.747	2704	2708	2710	rBV2	412	338	0.03%	0.005%
53	9.873	2741	2747	2750	rBV5	1445	1480	0.14%	0.021%
54	9.976	2777	2779	2784	rVB2	345	300	0.03%	0.004%
55	10.004	2784	2788	2794	rVB	402	344	0.03%	0.005%
56	10.037	2794	2798	2799	rBV2	502	371	0.03%	0.005%
57	10.066	2799	2807	2814	rVB4	2596	3801	0.36%	0.053%
58	10.152	2822	2834	2852	rBV	228494	370182	34.66%	5.141%
59	10.326	2876	2888	2899	rVB2	25392	42223	3.95%	0.586%
60	10.374	2899	2903	2909	rVB3	510	488	0.05%	0.007%
61	10.487	2936	2938	2941	rVV3	455	316	0.03%	0.004%
62	10.715	3005	3009	3012	rBV3	1433	1456	0.14%	0.020%
63	10.857	3044	3053	3062	rBV5	4455	6873	0.64%	0.095%
64	10.972	3081	3089	3093	rBV3	1686	2034	0.19%	0.028%
65	11.037	3102	3109	3115	rBV4	1502	1852	0.17%	0.026%
66	11.082	3115	3123	3132	rBV3	7042	11016	1.03%	0.153%
67	11.185	3146	3155	3174	rBV	241811	398020	37.27%	5.528%
68	11.326	3191	3199	3204	rBV5	4683	6333	0.59%	0.088%
69	11.561	3260	3272	3290	rBV	237836	392030	36.71%	5.444%
70	11.783	3331	3341	3353	rVB7	2097	4591	0.43%	0.064%
71	11.834	3353	3357	3359	rBV4	527	444	0.04%	0.006%
72	11.914	3378	3382	3384	rBV4	510	421	0.04%	0.006%
73	11.934	3384	3388	3389	rBV5	768	528	0.05%	0.007%
74	12.030	3414	3418	3425	rBV6	651	806	0.08%	0.011%
75	12.114	3439	3444	3447	rBV3	601	451	0.04%	0.006%
76	12.194	3459	3469	3481	rVB2	16455	27003	2.53%	0.375%

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Instrument :
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ClientSampleId :
BH5Q2

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
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Peak separation: 5

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

77	12.262	3486	3490	3496	rVB4	576	700	0.07%	0.010%
78	12.393	3527	3531	3535	rBV3	507	377	0.04%	0.005%
79	12.448	3545	3548	3552	rVB3	631	411	0.04%	0.006%
80	12.496	3561	3563	3567	rVB3	633	472	0.04%	0.007%
81	12.535	3567	3575	3582	rBV6	929	1468	0.14%	0.020%
82	12.583	3582	3590	3594	rBV6	1337	1833	0.17%	0.025%
83	12.631	3601	3605	3610	rVB3	415	374	0.04%	0.005%
84	12.702	3624	3627	3631	rBV	522	431	0.04%	0.006%
85	12.828	3660	3666	3674	rVV3	3722	4910	0.46%	0.068%
86	13.014	3720	3724	3727	rBV	472	311	0.03%	0.004%
87	13.033	3727	3730	3733	rVV3	466	336	0.03%	0.005%
88	13.078	3737	3744	3751	rBV4	962	1370	0.13%	0.019%
89	13.210	3780	3785	3786	rBV2	806	697	0.07%	0.010%
90	13.281	3804	3807	3812	rVB3	388	333	0.03%	0.005%
91	13.342	3820	3826	3830	rBV2	435	599	0.06%	0.008%
92	13.461	3855	3863	3871	rVV5	963	2024	0.19%	0.028%
93	13.683	3921	3932	3944	rBV	45442	66981	6.27%	0.930%
94	13.991	4018	4028	4037	rVV6	2471	4655	0.44%	0.065%
95	14.059	4046	4049	4052	rVB3	641	387	0.04%	0.005%
96	14.085	4052	4057	4062	rBV7	1453	1512	0.14%	0.021%
97	14.123	4064	4069	4077	rVB6	1572	2376	0.22%	0.033%
98	14.162	4077	4081	4082	rBV3	1023	606	0.06%	0.008%
99	14.622	4221	4224	4226	rBV3	608	388	0.04%	0.005%
100	15.078	4363	4366	4368	rBV2	884	657	0.06%	0.009%

Sum of corrected areas: 7200540

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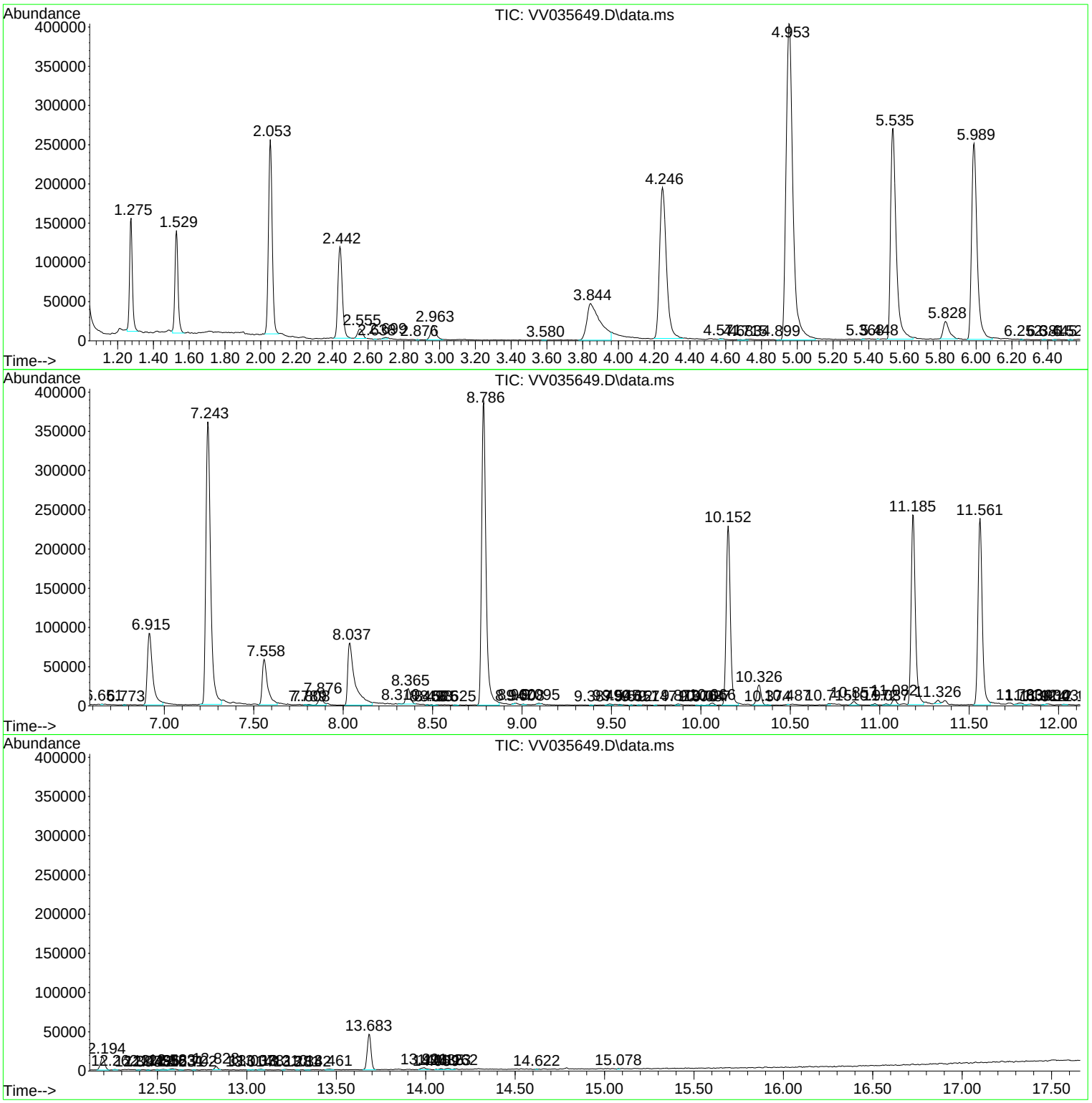
Instrument :
MSVOA_V
ClientSampleId :
BH5Q2

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 :
BH5Q2

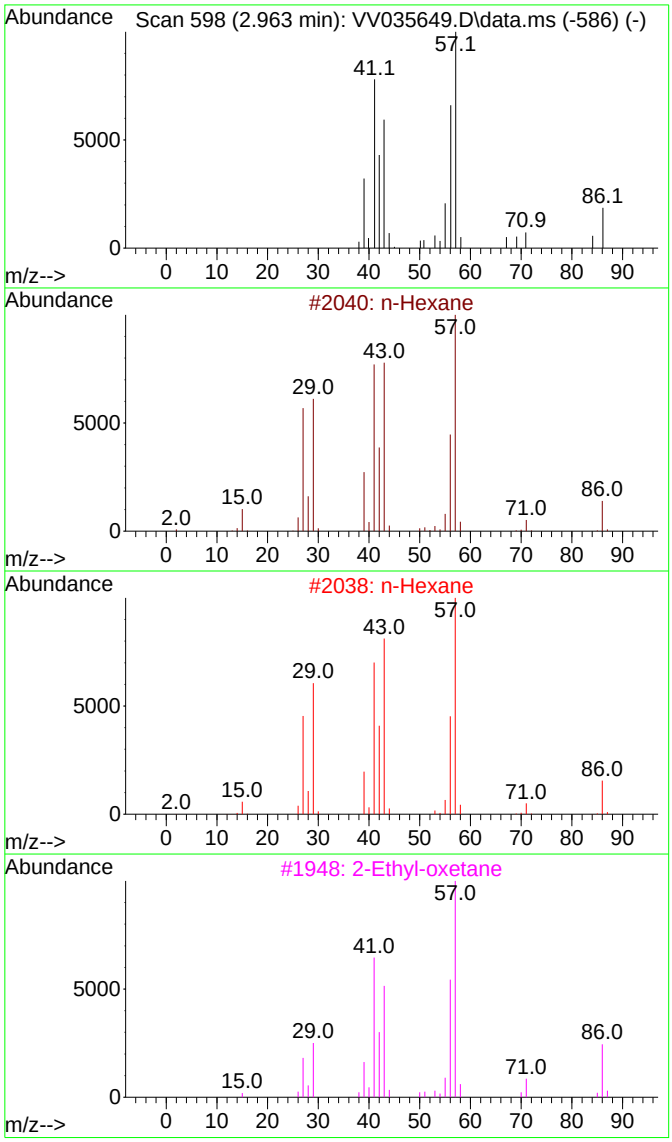
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

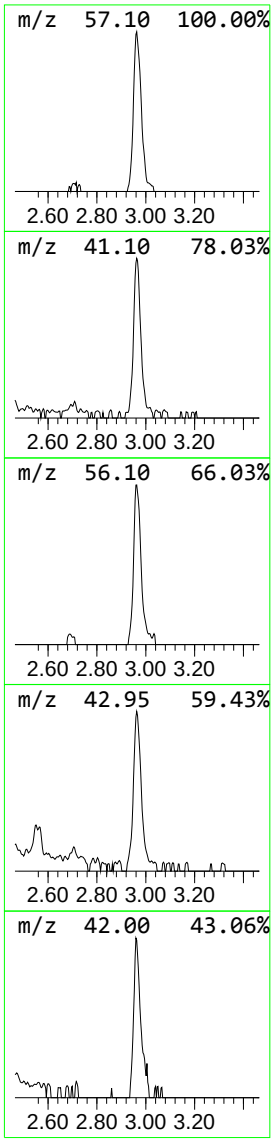
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.66 ug/L	38537	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	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	72
4	n-Hexane	86	C6H14	000110-54-3	45
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	42





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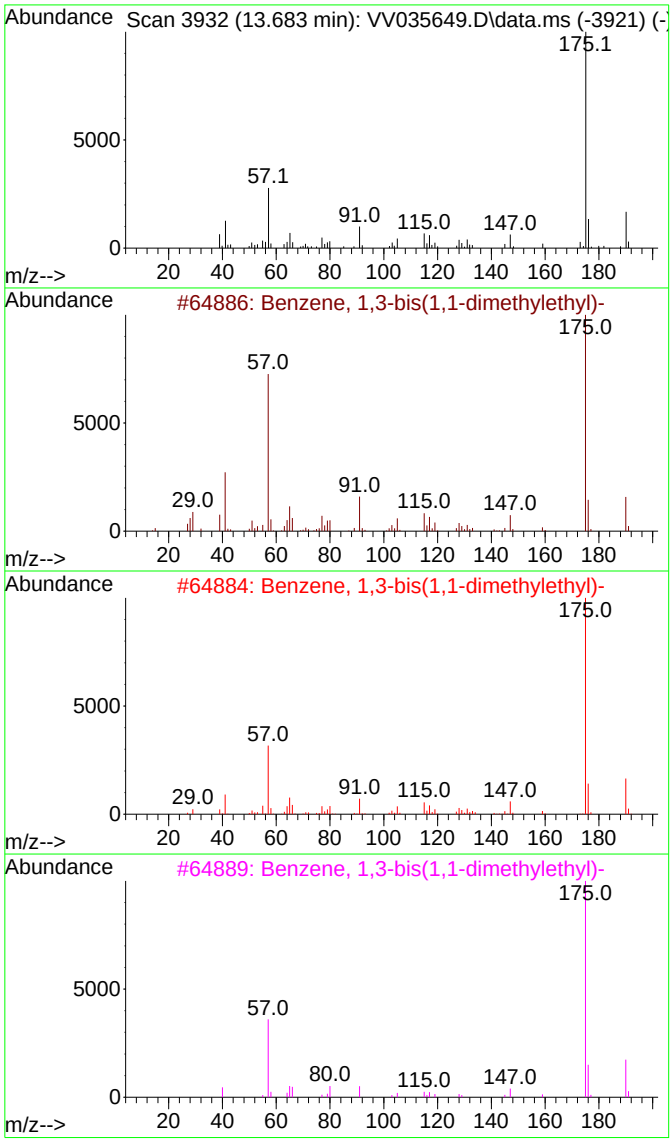
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

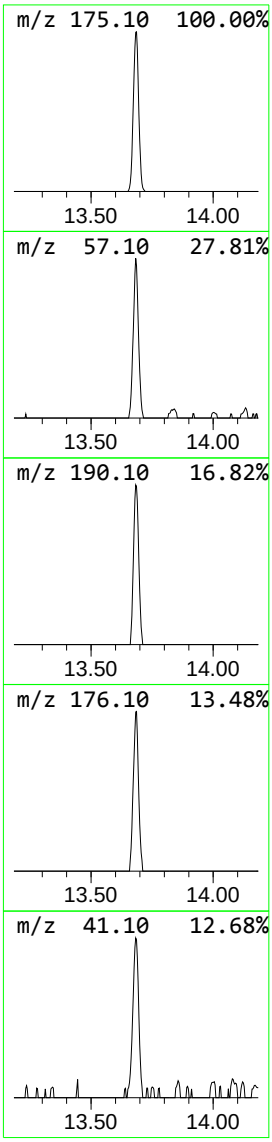
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	4.21 ug/L	66981	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	95
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	91
4	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	86
5	Precocene I	190	C12H14O2	017598-02-6	81





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	1.7	ug/L	38537	1	5.535	580056	25.0
Benzene, 1,3-bi...	13.683	4.2	ug/L	66981	3	11.188	398020	25.0