LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052124\
Data File : VV035653.D
Acq On : 21 May 2024 21:01
Operator : SY/MD
Sample : P2547-17
Misc : 5.49g/10.0mL/MSVOA_V/SOIL/VIAL A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5X4

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: VV035653.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	85	rVB	127185	132447	15.20%	2.303%
2	1.529	145	152	165	rVB	120009	136498	15.67%	2.373%
3	2.053	306	315	330	rVB	207704	300040	34.43%	5.216%
4	2.442	425	436	458	rBV	163887	279895	32.12%	4.866%
5	2.555	463	471	485	rVB	9320	18850	2.16%	0.328%
6	2.654	498	502	504	rBV3	432	402	0.05%	0.007%
7	2.780	537	541	545	rBV2	684	510	0.06%	0.009%
8	2.896	573	577	581	rVB3	416	372	0.04%	0.006%
9	2.966	587	599	621	rBV3	20212	43946	5.04%	0.764%
10	3.111	642	644	652	rVV2	545	751	0.09%	0.013%
11	3.175	660	664	665	rBV	467	263	0.03%	0.005%
12	3.211	672	675	681	rVB3	542	366	0.04%	0.006%
13	3.413	735	738	743	rVB	429	344	0.04%	0.006%
14	3.468	749	755	761	rBV2	333	481	0.06%	0.008%
15	3.590	789	793	797	rVB2	291	262	0.03%	0.005%
16	3.629	797	805	807	rBV	353	274	0.03%	0.005%
17	3.683	820	822	829	rVB3	447	390	0.04%	0.007%
18	3.725	829	835	838	rBV2	324	327	0.04%	0.006%
19	3.847	850	873	918	rBV4	32843	189585	21.76%	3.296%
20	4.249	983	998	1030	rBV	163106	430580	49.42%	7.486%
21	4.567	1094	1097	1098	rBV2	549	291	0.03%	0.005%
22	4.654	1117	1124	1125	rBV2	448	289	0.03%	0.005%
23	4.693	1132	1136	1139	rVB3	392	262	0.03%	0.005%
24	4.728	1139	1147	1148	rBV4	777	842	0.10%	0.015%
25	4.847	1180	1184	1190	rBV2	545	553	0.06%	0.010%
26	4.873	1190	1192	1196	rVB3	480	344	0.04%	0.006%
27	4.953	1203	1217	1251	rBV2	330215	871340	100.00%	15.148%
28	5.304	1321	1326	1329	rBV2	544	547	0.06%	0.010%
29	5.535	1387	1398	1428	rBV	227127	493660	56.66%	8.582%
30	5.741	1458	1462	1463	rBV2	398	285	0.03%	0.005%
31	5.831	1480	1490	1511	rBV3	15818	36462	4.18%	0.634%
32	5.989	1526	1539	1568	rBV	214109	460720	52.87%	8.010%
33	6.336	1644	1647	1650	rVB2	332	246	0.03%	0.004%
34	6.403	1664	1668	1670	rVB4	596	331	0.04%	0.006%
35	6.448	1678	1682	1683	rBV2	765	410	0.05%	0.007%
36	6.542	1705	1711	1713	rBV4	536	492	0.06%	0.009%

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Instrument :
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ClientSampleId :
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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	6.918	1818	1828	1850	rBV	66732	135078	15.50%	2.348%
38	7.063	1869	1873	1874	rBV3	545	353	0.04%	0.006%
39	7.120	1887	1891	1896	rBV4	432	439	0.05%	0.008%
40	7.178	1906	1909	1911	rVB2	591	349	0.04%	0.006%
41	7.243	1916	1929	1961	rBV	280670	518531	59.51%	9.015%
42	7.561	2019	2028	2057	rBV2	39302	84585	9.71%	1.471%
43	7.741	2081	2084	2086	rBV3	441	324	0.04%	0.006%
44	7.776	2092	2095	2097	rBV2	503	331	0.04%	0.006%
45	7.876	2114	2126	2135	rBV2	9869	19173	2.20%	0.333%
46	7.979	2156	2158	2162	rBV3	424	275	0.03%	0.005%
47	8.040	2169	2177	2200	rBV3	48009	126748	14.55%	2.204%
48	8.362	2267	2277	2289	rBV3	12534	22102	2.54%	0.384%
49	8.448	2301	2304	2307	rBV3	824	609	0.07%	0.011%
50	8.484	2312	2315	2317	rVB2	629	339	0.04%	0.006%
51	8.497	2317	2319	2325	rVB3	673	610	0.07%	0.011%
52	8.542	2330	2333	2336	rBV2	495	256	0.03%	0.004%
53	8.603	2348	2352	2355	rVB3	536	443	0.05%	0.008%
54	8.625	2355	2359	2362	rBV	340	265	0.03%	0.005%
55	8.786	2399	2409	2443	rBV	286119	502877	57.71%	8.743%
56	8.950	2458	2460	2463	rBV4	723	463	0.05%	0.008%
57	9.030	2481	2485	2486	rBV2	399	291	0.03%	0.005%
58	9.095	2495	2505	2508	rBV6	1034	1763	0.20%	0.031%
59	9.124	2512	2514	2518	rVV2	749	576	0.07%	0.010%
60	9.146	2520	2521	2526	rVB2	597	401	0.05%	0.007%
61	9.169	2526	2528	2532	rBV3	413	339	0.04%	0.006%
62	9.487	2619	2627	2629	rBV3	1218	1353	0.16%	0.024%
63	9.551	2645	2647	2651	rVB2	494	335	0.04%	0.006%
64	9.770	2711	2715	2720	rBV2	307	314	0.04%	0.005%
65	9.834	2732	2735	2738	rBV2	423	305	0.04%	0.005%
66	9.863	2741	2744	2746	rBV3	486	372	0.04%	0.006%
67	9.966	2767	2776	2780	rBV2	485	654	0.08%	0.011%
68	10.062	2799	2806	2814	rVB7	1295	1681	0.19%	0.029%
69	10.152	2823	2834	2856	rBV	182858	298119	34.21%	5.183%
70	10.323	2877	2887	2900	rVB2	18081	29453	3.38%	0.512%
71	10.484	2933	2937	2941	rBV4	879	775	0.09%	0.013%
72	10.542	2952	2955	2961	rBV2	418	420	0.05%	0.007%
73	10.603	2970	2974	2977	rBV2	243	267	0.03%	0.005%
74	10.744	3014	3018	3019	rBV	505	333	0.04%	0.006%
75	10.808	3034	3038	3040	rBV	383	312	0.04%	0.005%
76	10.857	3046	3053	3063	rVB7	2681	4111	0.47%	0.071%

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ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5X4

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	10.979	3085	3091	3096	rVB4	656	682	0.08%	0.012%
78	11.082	3115	3123	3132	rBV4	3011	4864	0.56%	0.085%
79	11.133	3135	3139	3140	rBV3	531	375	0.04%	0.007%
80	11.185	3146	3155	3175	rBV	157071	261521	30.01%	4.547%
81	11.326	3194	3199	3205	rBV4	1435	1690	0.19%	0.029%
82	11.561	3261	3272	3294	rBV	153848	256755	29.47%	4.464%
83	11.844	3356	3360	3365	rBV3	719	824	0.09%	0.014%
84	11.902	3377	3378	3381	rBV2	396	272	0.03%	0.005%
85	11.985	3401	3404	3408	rBV2	621	355	0.04%	0.006%
86	12.024	3413	3416	3420	rBV4	465	413	0.05%	0.007%
87	12.053	3420	3425	3428	rBV3	359	376	0.04%	0.007%
88	12.140	3448	3452	3454	rBV	311	251	0.03%	0.004%
89	12.194	3459	3469	3480	rBV2	11739	19676	2.26%	0.342%
90	12.313	3503	3506	3509	rVV3	400	282	0.03%	0.005%
91	12.757	3641	3644	3649	rBV3	407	402	0.05%	0.007%
92	12.789	3650	3654	3658	rVV	516	481	0.06%	0.008%
93	12.828	3659	3666	3676	rVB6	3684	4699	0.54%	0.082%
94	13.078	3739	3744	3748	rVB5	799	836	0.10%	0.015%
95	13.207	3782	3784	3786	rBV2	386	264	0.03%	0.005%
96	13.603	3903	3907	3908	rBV2	600	401	0.05%	0.007%
97	13.683	3922	3932	3945	rVV2	23388	35568	4.08%	0.618%
98	13.744	3948	3951	3956	rVB3	532	465	0.05%	0.008%
99	14.027	4036	4039	4041	rBV2	487	290	0.03%	0.005%
100	14.078	4053	4055	4056	rBV	854	358	0.04%	0.006%

Sum of corrected areas: 5752081

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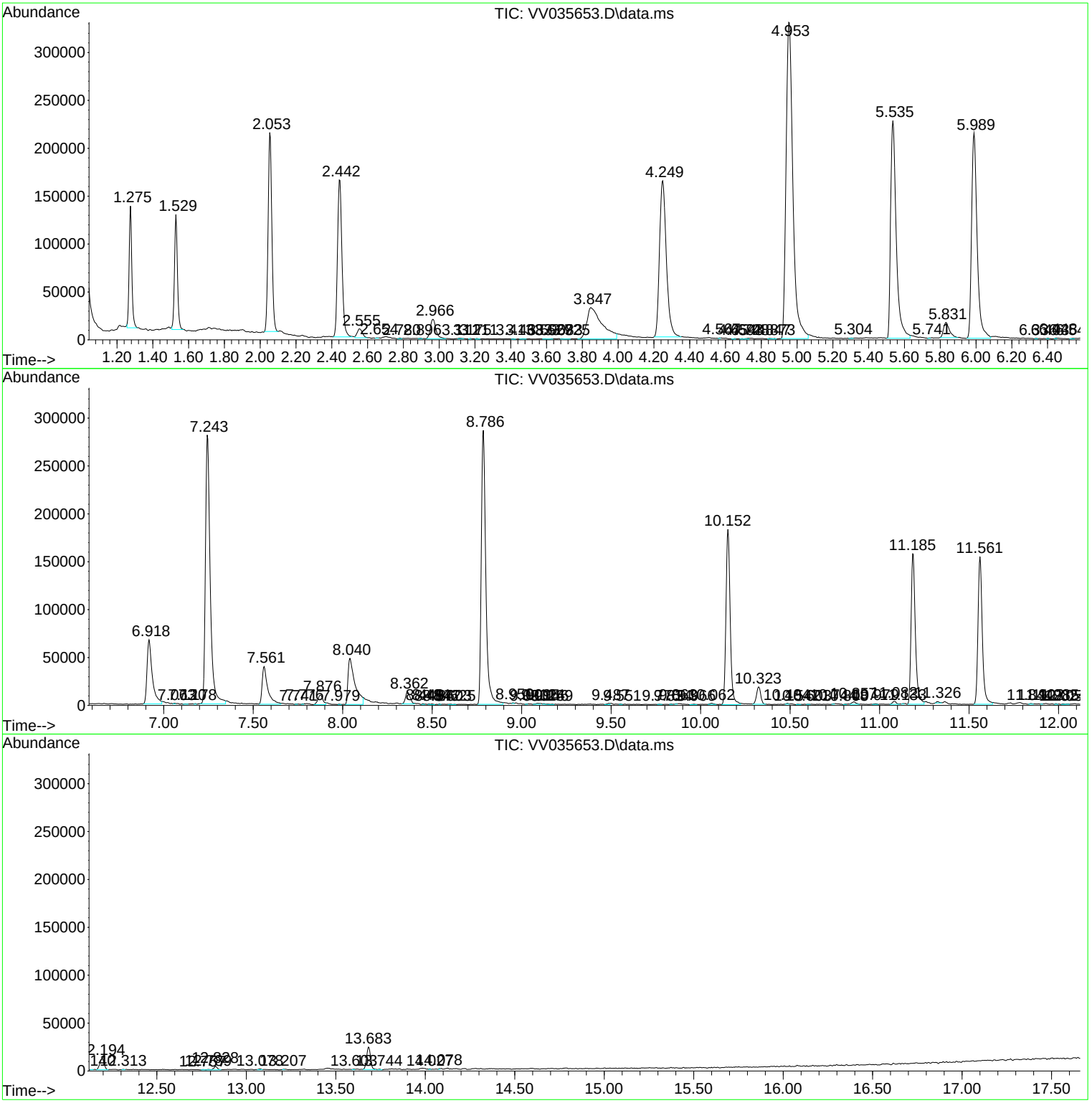
Instrument :
MSVOA_V
ClientSampleId :
BH5X4

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\VV052124\
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Instrument :
MSVOA_V
ClientSampleId :
BH5X4

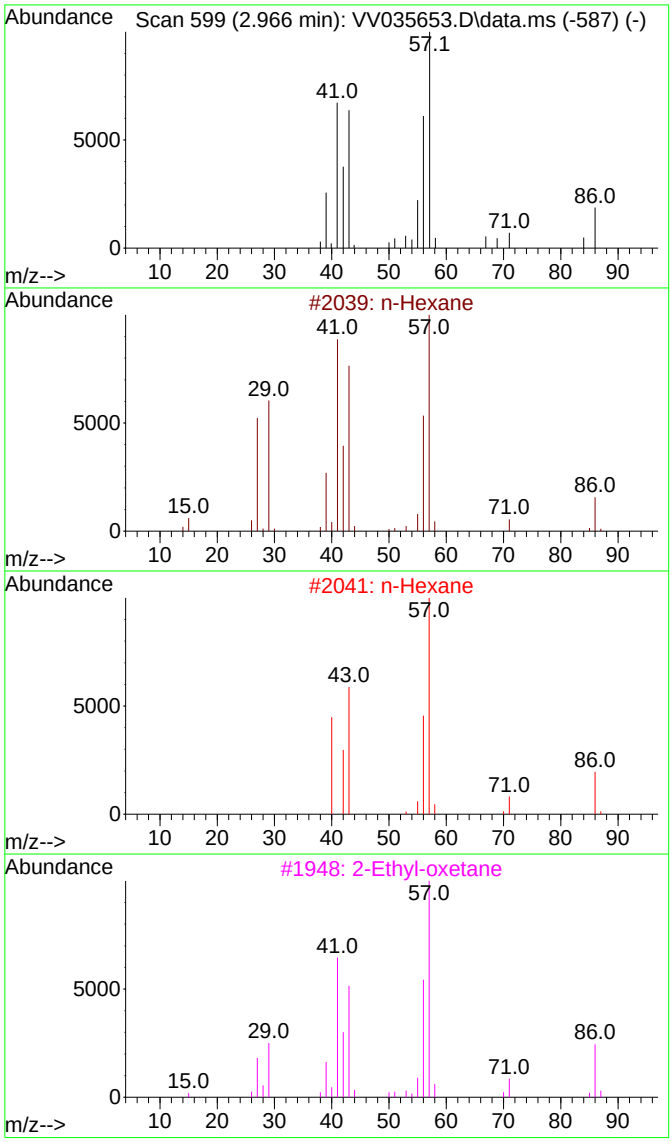
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

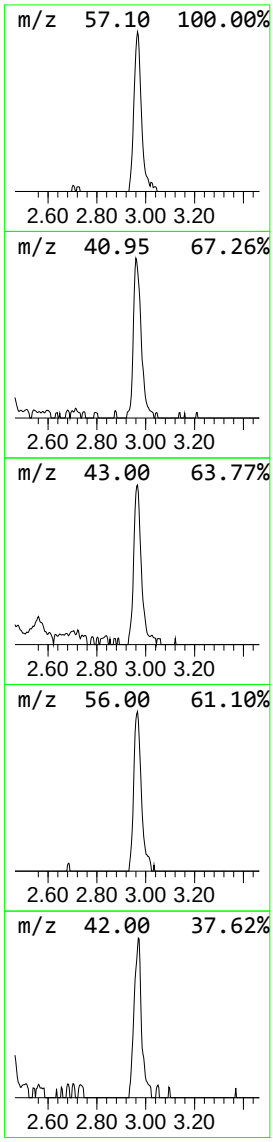
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.966	2.23 ug/L	43946	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	72
2	n-Hexane	86	C6H14	000110-54-3	72
3	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	64
4	n-Hexane	86	C6H14	000110-54-3	56
5	n-Hexane	86	C6H14	000110-54-3	56





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MSVOA_V
ClientSampleId :
BH5X4

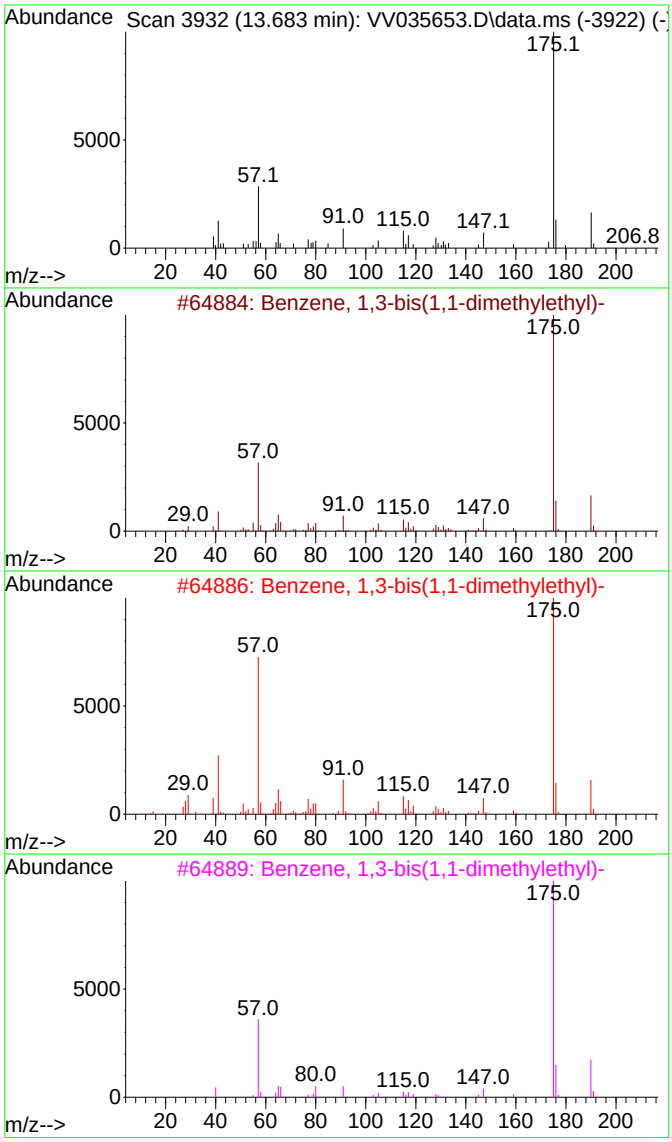
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

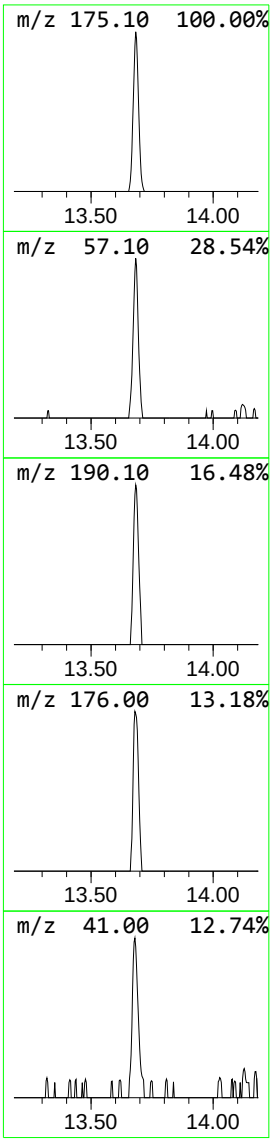
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	3.40 ug/L	35568	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	91
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
4	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	83
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...	2.966	2.2	ug/L	43946	1	5.535	493660	25.0
Benzene, 1,3-bi...	13.683	3.4	ug/L	35568	3	11.185	261521	25.0