LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035707.D
Acq On : 23 May 2024 17:15
Operator : SY/MD
Sample : P2568-21
Misc : 5.46g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH642

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: VV035707.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	89	rVB	186572	202792	15.39%	2.439%
2	1.529	146	152	167	rVB	186494	217615	16.51%	2.618%
3	2.053	306	315	337	rVB	319375	467822	35.50%	5.627%
4	2.442	427	436	458	rVB	134980	232687	17.65%	2.799%
5	2.844	559	561	563	rBV3	360	134	0.01%	0.002%
6	2.966	585	599	619	rBV2	19131	42261	3.21%	0.508%
7	3.223	677	679	684	rVB4	455	304	0.02%	0.004%
8	3.252	684	688	692	rBV3	257	245	0.02%	0.003%
9	3.403	732	735	740	rBV2	333	399	0.03%	0.005%
10	3.481	758	759	764	rVB2	306	202	0.02%	0.002%
11	3.516	764	770	773	rVB3	264	247	0.02%	0.003%
12	3.535	773	776	779	rBV	261	146	0.01%	0.002%
13	3.551	779	781	784	rBV2	186	100	0.01%	0.001%
14	3.606	794	798	800	rBV2	146	118	0.01%	0.001%
15	3.622	800	803	806	rVV2	341	248	0.02%	0.003%
16	3.638	806	808	811	rVB2	254	142	0.01%	0.002%
17	3.661	813	815	817	rVB	263	118	0.01%	0.001%
18	3.683	819	822	826	rBV2	380	345	0.03%	0.004%
19	3.834	848	869	902	rBV2	32622	164132	12.45%	1.974%
20	4.246	982	997	1034	rBV	268970	700497	53.15%	8.426%
21	4.731	1141	1148	1149	rBV2	286	317	0.02%	0.004%
22	4.854	1182	1186	1188	rBV2	278	185	0.01%	0.002%
23	4.953	1202	1217	1250	rBV2	502599	1317968	100.00%	15.854%
24	5.323	1330	1332	1335	rBV2	371	277	0.02%	0.003%
25	5.426	1362	1364	1367	rBV3	511	293	0.02%	0.004%
26	5.532	1384	1397	1436	rBV	364097	787044	59.72%	9.467%
27	5.773	1470	1472	1474	rBV2	460	215	0.02%	0.003%
28	5.828	1478	1489	1516	rVB3	25916	61751	4.69%	0.743%
29	5.985	1525	1538	1578	rBV	354625	757396	57.47%	9.111%
30	6.323	1640	1643	1647	rBV2	536	417	0.03%	0.005%
31	6.342	1647	1649	1651	rBV	334	193	0.01%	0.002%
32	6.374	1656	1659	1660	rBV2	325	146	0.01%	0.002%
33	6.426	1672	1675	1677	rBV2	234	173	0.01%	0.002%
34	6.464	1685	1687	1691	rVB2	444	281	0.02%	0.003%
35	6.503	1695	1699	1702	rBV2	167	164	0.01%	0.002%
36	6.545	1707	1712	1716	rVB2	262	225	0.02%	0.003%

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ALS Vial : 22 Sample Multiplier: 1

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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	6.593	1721	1727	1730	rBV2	315	231	0.02%	0.003%
38	6.612	1730	1733	1736	rBV2	205	148	0.01%	0.002%
39	6.635	1736	1740	1741	rBV2	200	117	0.01%	0.001%
40	6.645	1741	1743	1746	rBV2	304	235	0.02%	0.003%
41	6.699	1758	1760	1763	rVB2	419	184	0.01%	0.002%
42	6.718	1764	1766	1769	rVB2	445	201	0.02%	0.002%
43	6.741	1769	1773	1777	rBV2	345	393	0.03%	0.005%
44	6.812	1793	1795	1801	rVB3	331	264	0.02%	0.003%
45	6.873	1812	1814	1818	rVB	329	198	0.02%	0.002%
46	6.918	1818	1828	1861	rBV	60991	132123	10.02%	1.589%
47	7.243	1918	1929	1955	rBV	451699	815379	61.87%	9.808%
48	7.561	2019	2028	2056	rBV	41898	88504	6.72%	1.065%
49	7.799	2098	2102	2107	rBV3	453	481	0.04%	0.006%
50	7.828	2108	2111	2115	rBV3	621	449	0.03%	0.005%
51	7.876	2117	2126	2135	rBV3	9151	14870	1.13%	0.179%
52	7.931	2142	2143	2145	rBV	296	147	0.01%	0.002%
53	7.989	2156	2161	2166	rBV3	451	443	0.03%	0.005%
54	8.059	2175	2183	2201	rBV6	9665	28482	2.16%	0.343%
55	8.361	2270	2277	2288	rVB3	9166	15598	1.18%	0.188%
56	8.509	2320	2323	2324	rBV2	276	147	0.01%	0.002%
57	8.525	2324	2328	2336	rVV3	408	457	0.03%	0.005%
58	8.558	2336	2338	2342	rBV2	391	256	0.02%	0.003%
59	8.654	2365	2368	2371	rBV3	323	223	0.02%	0.003%
60	8.696	2378	2381	2382	rBV2	329	188	0.01%	0.002%
61	8.783	2398	2408	2438	rBV	433323	737691	55.97%	8.874%
62	9.204	2537	2539	2541	rBV	392	138	0.01%	0.002%
63	9.323	2572	2576	2581	rVB2	595	573	0.04%	0.007%
64	9.355	2581	2586	2589	rBV2	332	327	0.02%	0.004%
65	9.390	2595	2597	2603	rVB2	358	277	0.02%	0.003%
66	9.423	2604	2607	2609	rBV2	227	115	0.01%	0.001%
67	9.455	2613	2617	2619	rBV3	530	409	0.03%	0.005%
68	9.532	2639	2641	2644	rVB	358	240	0.02%	0.003%
69	9.554	2644	2648	2650	rBV	353	242	0.02%	0.003%
70	9.670	2681	2684	2686	rVB	409	200	0.02%	0.002%
71	9.689	2686	2690	2695	rBV2	490	455	0.03%	0.005%
72	9.718	2695	2699	2701	rBV2	503	367	0.03%	0.004%
73	9.754	2707	2710	2712	rBV2	346	264	0.02%	0.003%
74	9.796	2720	2723	2726	rBV2	283	190	0.01%	0.002%
75	9.873	2742	2747	2748	rBV2	646	423	0.03%	0.005%
76	9.995	2778	2785	2789	rBV2	444	592	0.04%	0.007%

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MSVOA_V
ClientSampleId :
BH642

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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Title : VOC Analysis

77	10.053	2801	2803	2804	rBV	327	121	0.01%	0.001%
78	10.152	2823	2834	2859	rBV	253991	412515	31.30%	4.962%
79	10.326	2879	2888	2897	rVB2	16784	28158	2.14%	0.339%
80	10.487	2935	2938	2941	rBV2	484	350	0.03%	0.004%
81	10.516	2946	2947	2948	rBV	317	102	0.01%	0.001%
82	10.564	2959	2962	2964	rBV	328	259	0.02%	0.003%
83	10.593	2970	2971	2974	rBV2	230	127	0.01%	0.002%
84	10.625	2979	2981	2983	rBV2	290	151	0.01%	0.002%
85	10.927	3071	3075	3078	rVB2	432	333	0.03%	0.004%
86	11.085	3116	3124	3131	rBV6	2800	4174	0.32%	0.050%
87	11.185	3144	3155	3175	rBV	284155	465164	35.29%	5.595%
88	11.561	3260	3272	3291	rBV	328835	539538	40.94%	6.490%
89	11.834	3353	3357	3358	rBV3	555	412	0.03%	0.005%
90	11.902	3376	3378	3379	rBV3	279	115	0.01%	0.001%
91	12.046	3418	3423	3429	rVB4	506	595	0.05%	0.007%
92	12.194	3461	3469	3479	rVB3	11183	16923	1.28%	0.204%
93	12.303	3500	3503	3506	rBV2	560	406	0.03%	0.005%
94	12.342	3512	3515	3516	rBV2	560	296	0.02%	0.004%
95	12.577	3585	3588	3589	rBV	578	343	0.03%	0.004%
96	12.667	3613	3616	3619	rBV3	564	473	0.04%	0.006%
97	12.828	3662	3666	3672	rBV5	2241	2150	0.16%	0.026%
98	13.075	3739	3743	3748	rBV3	1024	977	0.07%	0.012%
99	13.339	3823	3825	3826	rBV	375	122	0.01%	0.001%
100	13.686	3923	3933	3942	rVB2	26828	39719	3.01%	0.478%

Sum of corrected areas: 8313343

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Instrument :
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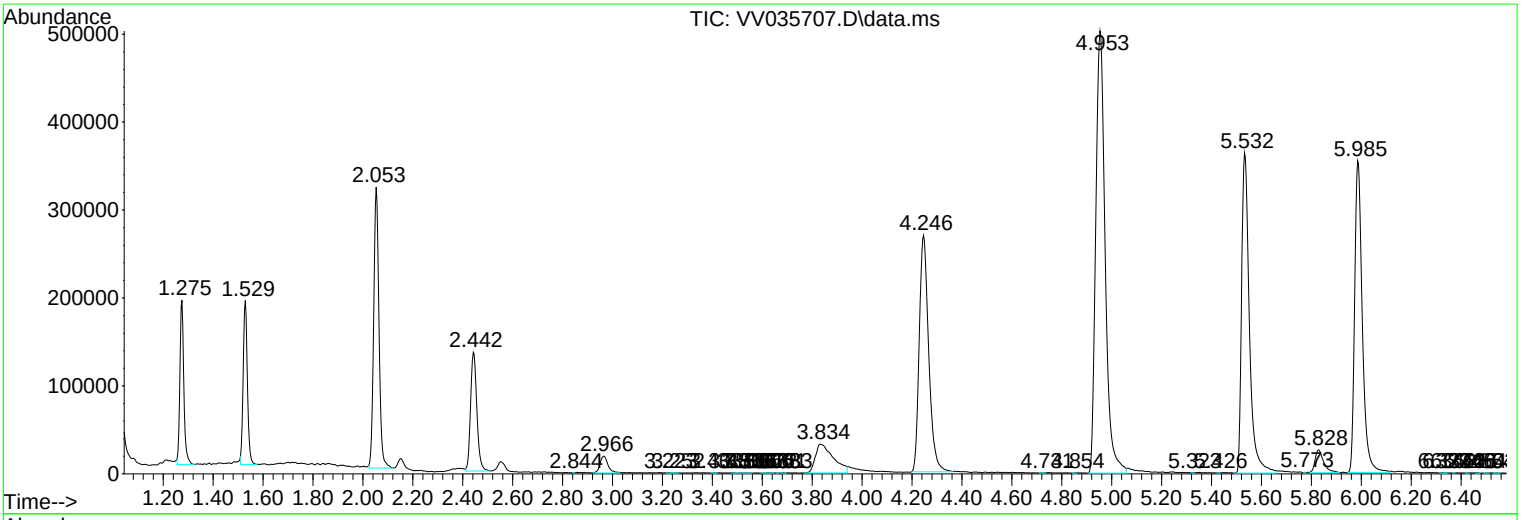
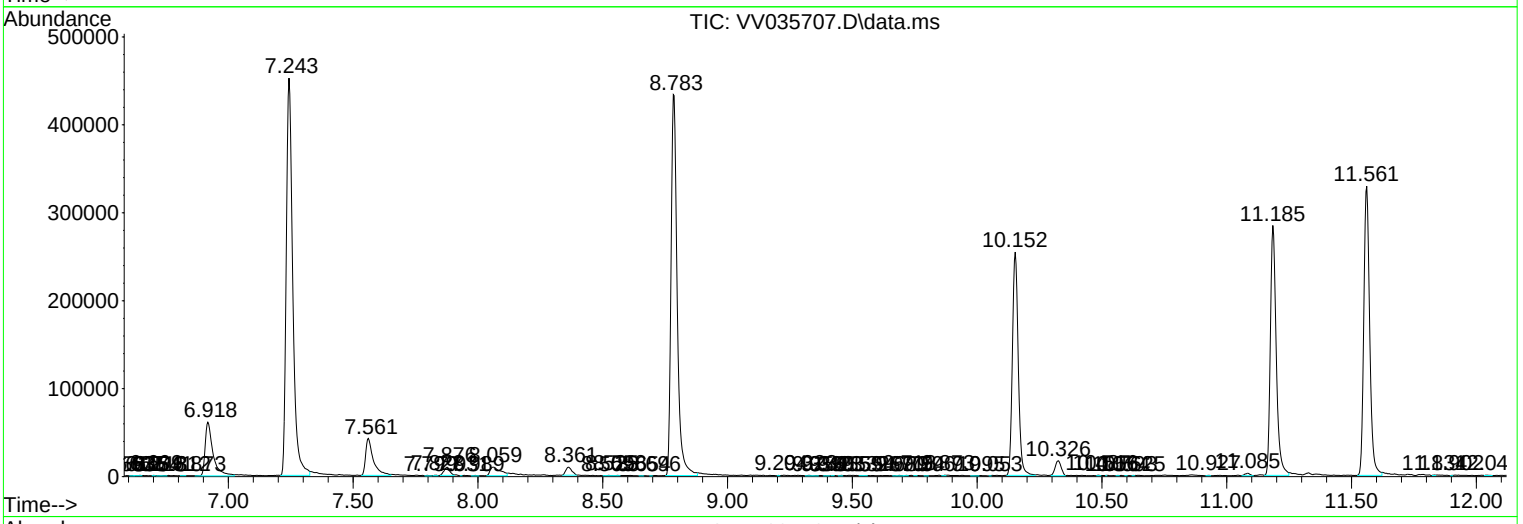
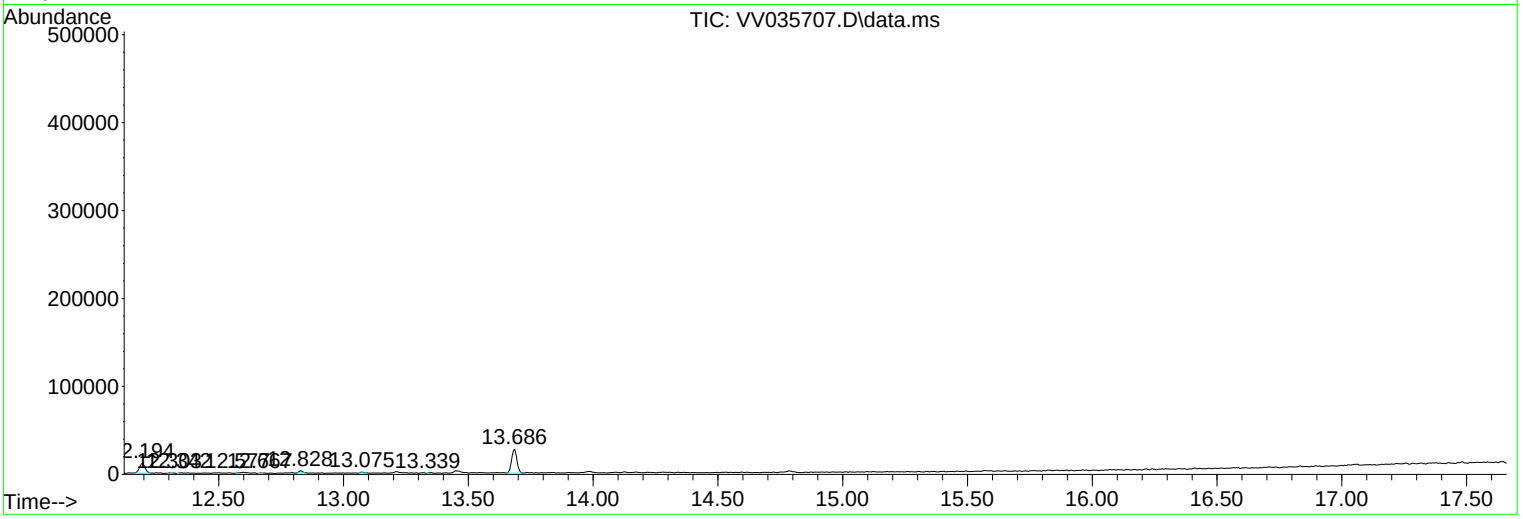
ClientSampleId :
BH642

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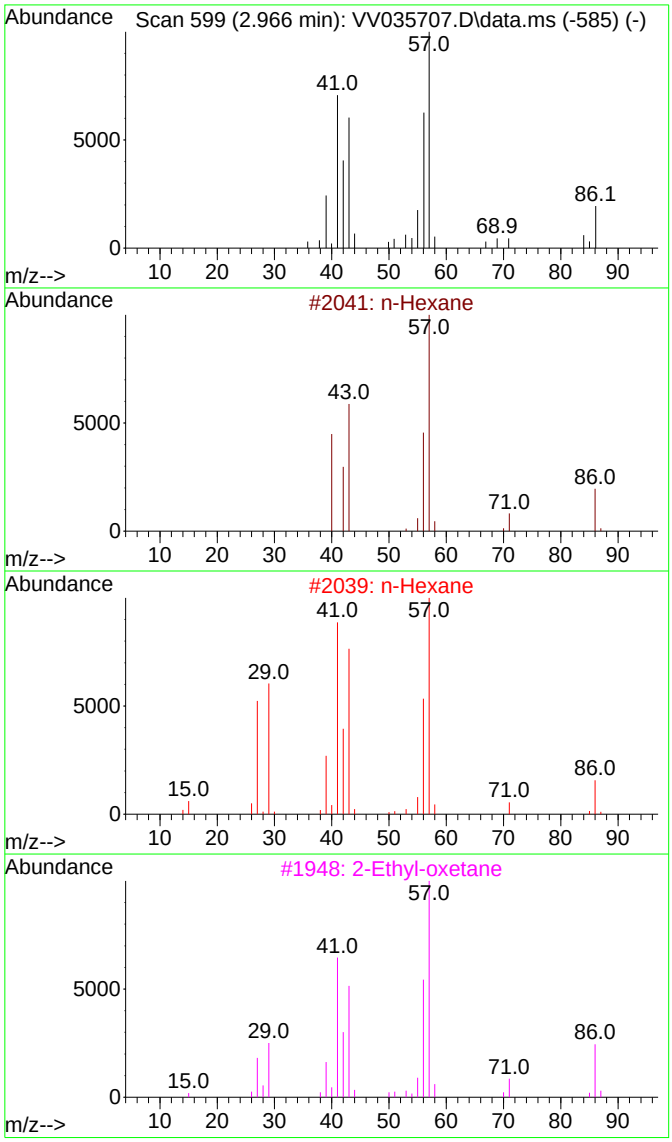
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

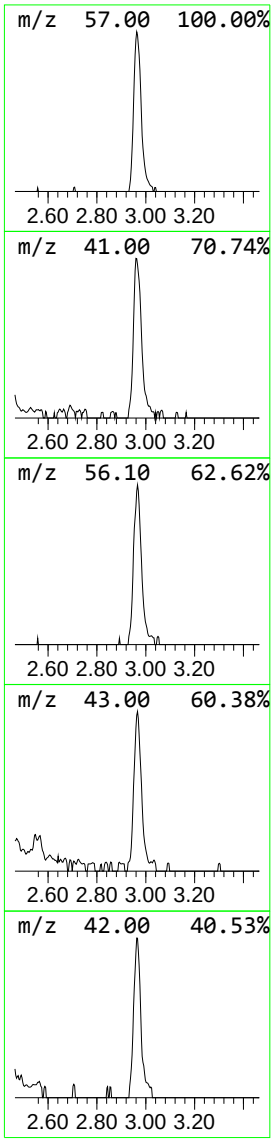
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.966	1.34 ug/L	42261	1,4-Difluorobenzene	5.532

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	64
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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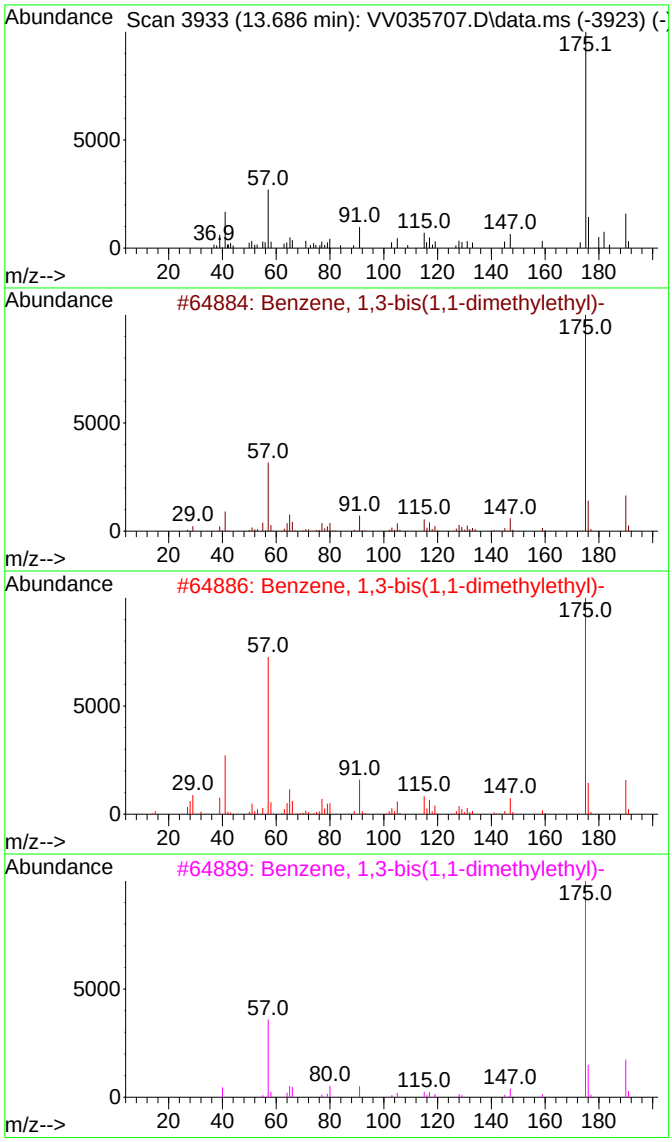
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

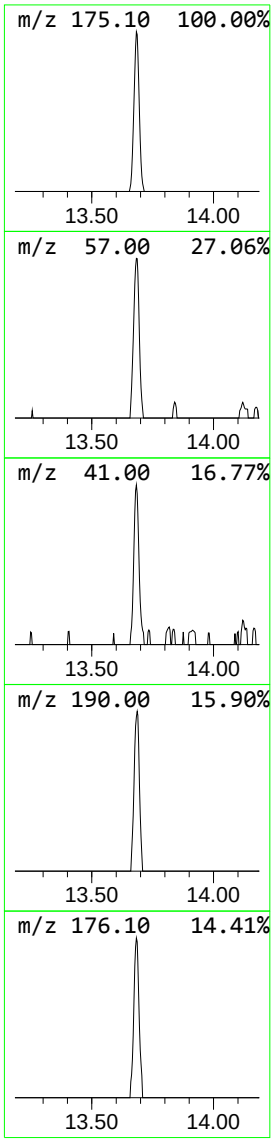
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.686	2.13 ug/L	39719	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	93
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	83
5	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	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	1.3	ug/L	42261	1	5.532	787044	25.0
Benzene, 1,3-bi...	13.686	2.1	ug/L	39719	3	11.185	465164	25.0