LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052324\
Data File : VV035698.D
Acq On : 23 May 2024 13:01
Operator : SY/MD
Sample : P2568-08
Misc : 5.14g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5R4

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: VV035698.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	68	73	90	rVB	113930	123519	13.44%	1.919%
2	1.529	147	152	165	rVB	117326	139394	15.16%	2.166%
3	2.053	307	315	330	rVB	183578	262079	28.51%	4.072%
4	2.442	428	436	458	rVB	127563	215087	23.40%	3.342%
5	2.963	589	598	614	rVB3	23113	45496	4.95%	0.707%
6	3.105	641	642	643	rBV3	110	29	0.00%	0.000%
7	3.121	644	647	651	rBV2	597	460	0.05%	0.007%
8	3.143	652	654	658	rBV2	361	266	0.03%	0.004%
9	3.214	674	676	679	rVB3	247	109	0.01%	0.002%
10	3.236	679	683	686	rVB2	452	321	0.03%	0.005%
11	3.256	686	689	694	rVB	387	284	0.03%	0.004%
12	3.288	694	699	700	rBV2	392	213	0.02%	0.003%
13	3.359	716	721	722	rBV	215	141	0.02%	0.002%
14	3.378	722	727	728	rVV	307	193	0.02%	0.003%
15	3.449	744	749	751	rBV	280	212	0.02%	0.003%
16	3.465	752	754	758	rVB	304	162	0.02%	0.003%
17	3.506	765	767	769	rBV	225	125	0.01%	0.002%
18	3.519	769	771	773	rBV	172	84	0.01%	0.001%
19	3.535	773	776	777	rBV2	212	105	0.01%	0.002%
20	3.574	785	788	790	rBV	341	158	0.02%	0.002%
21	3.613	794	800	806	rVB2	247	325	0.04%	0.005%
22	3.642	806	809	810	rBV	365	203	0.02%	0.003%
23	3.651	810	812	815	rVV2	302	203	0.02%	0.003%
24	3.680	819	821	822	rVB	220	60	0.01%	0.001%
25	3.693	823	825	826	rBV	184	101	0.01%	0.002%
26	3.854	850	875	910	rBV3	40626	243802	26.52%	3.788%
27	4.246	984	997	1028	rVB	174438	454026	49.39%	7.055%
28	4.523	1079	1083	1086	rBV4	847	673	0.07%	0.010%
29	4.539	1086	1088	1092	rBV2	594	398	0.04%	0.006%
30	4.738	1147	1150	1151	rBV2	329	178	0.02%	0.003%
31	4.780	1161	1163	1165	rBV3	313	200	0.02%	0.003%
32	4.953	1202	1217	1259	rBV2	341839	919311	100.00%	14.285%
33	5.532	1386	1397	1434	rBV	390024	835537	90.89%	12.983%
34	5.831	1479	1490	1513	rBV2	19964	48498	5.28%	0.754%
35	5.989	1526	1539	1568	rBV	236768	502376	54.65%	7.806%
36	6.526	1703	1706	1710	rVB2	362	297	0.03%	0.005%

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Instrument :
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BH5R4

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	6.551	1710	1714	1716	rBV3	606	440	0.05%	0.007%
38	6.773	1777	1783	1786	rBV5	390	356	0.04%	0.006%
39	6.793	1786	1789	1793	rBV	390	379	0.04%	0.006%
40	6.921	1820	1829	1851	rBV2	38426	81636	8.88%	1.269%
41	7.243	1919	1929	1956	rBV	259368	480544	52.27%	7.467%
42	7.564	2021	2029	2050	rBV	24326	50465	5.49%	0.784%
43	7.719	2075	2077	2080	rVB3	489	188	0.02%	0.003%
44	7.757	2087	2089	2090	rBV2	286	72	0.01%	0.001%
45	7.767	2090	2092	2093	rBV	235	77	0.01%	0.001%
46	7.873	2111	2125	2136	rBV3	9180	16733	1.82%	0.260%
47	7.989	2157	2161	2166	rBV2	438	359	0.04%	0.006%
48	8.050	2173	2180	2212	rBV5	19492	75593	8.22%	1.175%
49	8.294	2254	2256	2259	rBV2	591	381	0.04%	0.006%
50	8.362	2271	2277	2289	rVB3	10883	17751	1.93%	0.276%
51	8.471	2309	2311	2313	rBV2	364	190	0.02%	0.003%
52	8.490	2315	2317	2320	rVB2	350	129	0.01%	0.002%
53	8.506	2320	2322	2324	rBV2	298	142	0.02%	0.002%
54	8.545	2333	2334	2337	rVB2	515	182	0.02%	0.003%
55	8.583	2344	2346	2350	rVB2	393	226	0.02%	0.004%
56	8.619	2354	2357	2359	rBV	319	196	0.02%	0.003%
57	8.709	2384	2385	2388	rBV2	249	90	0.01%	0.001%
58	8.783	2398	2408	2445	rBV	476704	812705	88.40%	12.628%
59	9.046	2488	2490	2494	rVB	603	410	0.04%	0.006%
60	9.133	2515	2517	2518	rBV	214	77	0.01%	0.001%
61	9.159	2523	2525	2526	rVB	452	131	0.01%	0.002%
62	9.281	2561	2563	2567	rVB	206	131	0.01%	0.002%
63	9.307	2568	2571	2572	rBV	364	193	0.02%	0.003%
64	9.329	2576	2578	2580	rBV	217	95	0.01%	0.001%
65	9.407	2595	2602	2606	rBV3	304	299	0.03%	0.005%
66	9.426	2606	2608	2609	rBV	132	51	0.01%	0.001%
67	9.493	2627	2629	2634	rBV2	316	218	0.02%	0.003%
68	9.519	2634	2637	2641	rBV3	479	391	0.04%	0.006%
69	9.538	2641	2643	2647	rVB2	419	265	0.03%	0.004%
70	9.599	2659	2662	2666	rBV2	391	358	0.04%	0.006%
71	9.654	2676	2679	2680	rBV	500	272	0.03%	0.004%
72	9.712	2695	2697	2699	rBV2	258	94	0.01%	0.001%
73	9.728	2700	2702	2705	rVB2	351	164	0.02%	0.003%
74	9.747	2706	2708	2709	rVV	228	76	0.01%	0.001%
75	9.776	2713	2717	2719	rBV3	308	208	0.02%	0.003%
76	9.841	2732	2737	2739	rBV2	485	367	0.04%	0.006%

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH5R4

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

77	9.879	2747	2749	2752	rBV3	340	255	0.03%	0.004%
78	9.934	2764	2766	2770	rVB2	255	149	0.02%	0.002%
79	9.956	2770	2773	2776	rBV	382	235	0.03%	0.004%
80	9.989	2781	2783	2784	rBV	204	68	0.01%	0.001%
81	10.008	2787	2789	2792	rVB2	540	317	0.03%	0.005%
82	10.030	2792	2796	2798	rBV	285	234	0.03%	0.004%
83	10.153	2823	2834	2857	rBV	202693	330441	35.94%	5.135%
84	10.326	2876	2888	2899	rVB	16742	27147	2.95%	0.422%
85	10.432	2918	2921	2922	rBV2	407	199	0.02%	0.003%
86	10.570	2961	2964	2966	rBV	433	243	0.03%	0.004%
87	10.603	2971	2974	2975	rBV2	313	164	0.02%	0.003%
88	10.657	2989	2991	2993	rBV	323	90	0.01%	0.001%
89	10.850	3045	3051	3059	rVB4	2690	3646	0.40%	0.057%
90	10.911	3068	3070	3072	rBV	312	133	0.01%	0.002%
91	10.924	3072	3074	3078	rVB2	338	207	0.02%	0.003%
92	11.033	3105	3108	3113	rVB2	632	539	0.06%	0.008%
93	11.082	3114	3123	3132	rVV5	5758	8541	0.93%	0.133%
94	11.185	3145	3155	3175	rBV	278881	450845	49.04%	7.006%
95	11.561	3261	3272	3290	rBV	134671	225751	24.56%	3.508%
96	12.194	3457	3469	3481	rVB3	9469	16434	1.79%	0.255%
97	12.535	3572	3575	3577	rBV3	672	366	0.04%	0.006%
98	12.564	3582	3584	3586	rBV	549	313	0.03%	0.005%
99	13.368	3832	3834	3836	rBV2	418	262	0.03%	0.004%
100	13.683	3923	3932	3943	rVB	21763	31693	3.45%	0.492%

Sum of corrected areas: 6435531

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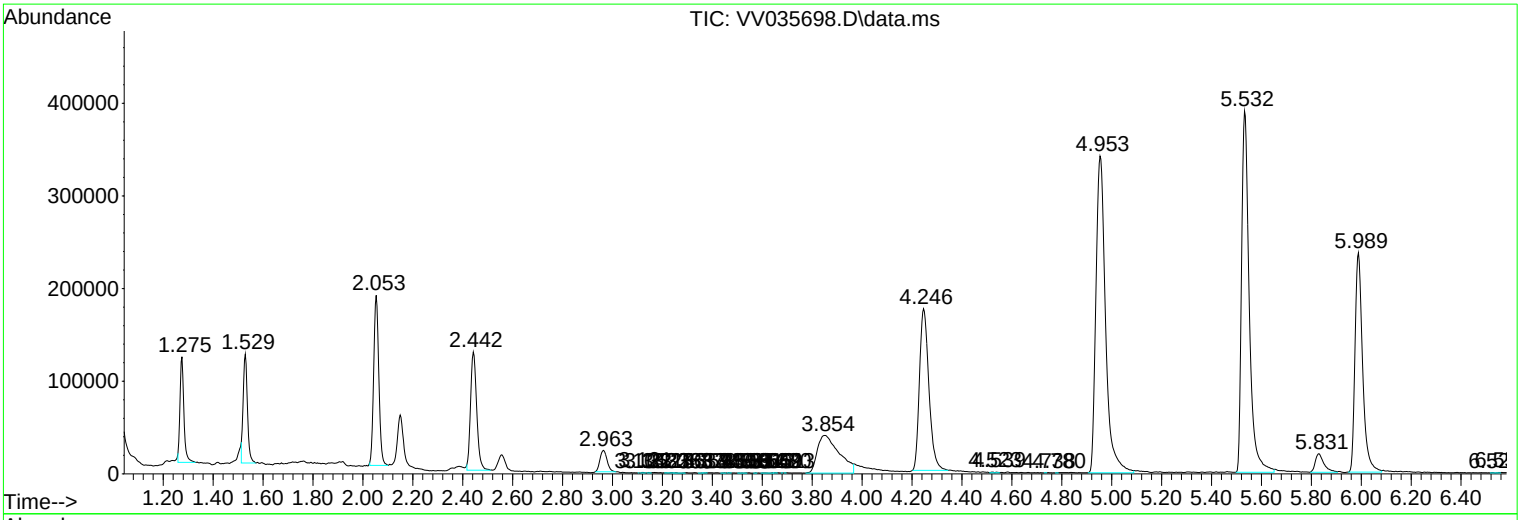
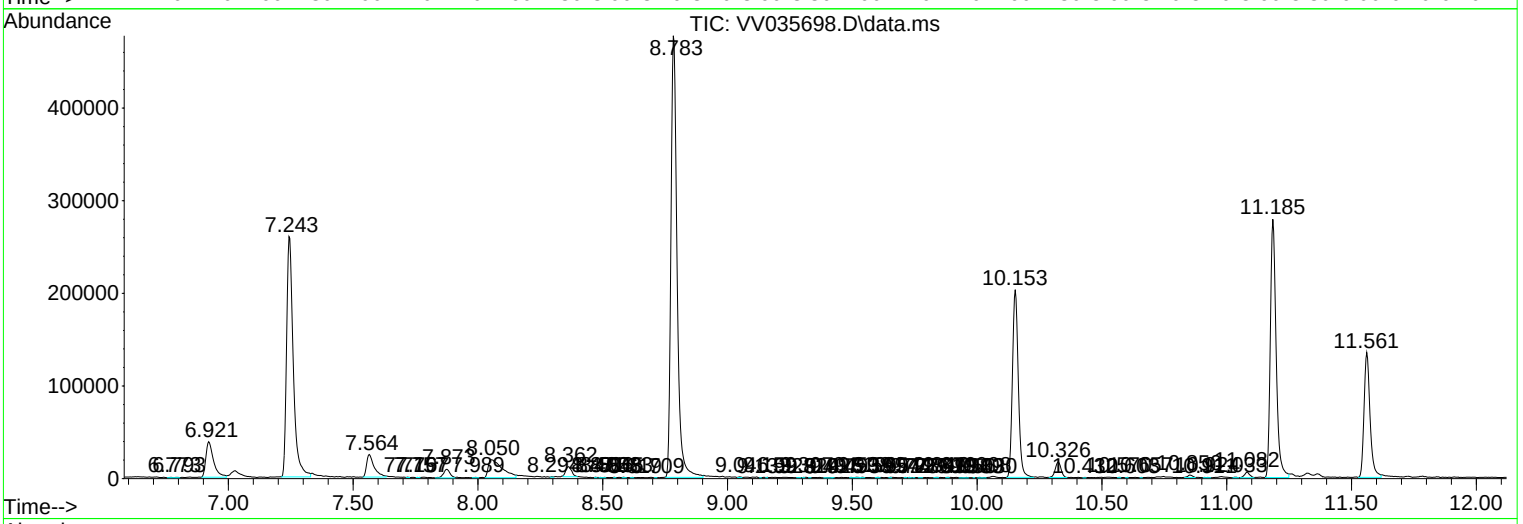
ALS Vial : 12 Sample Multiplier: 1

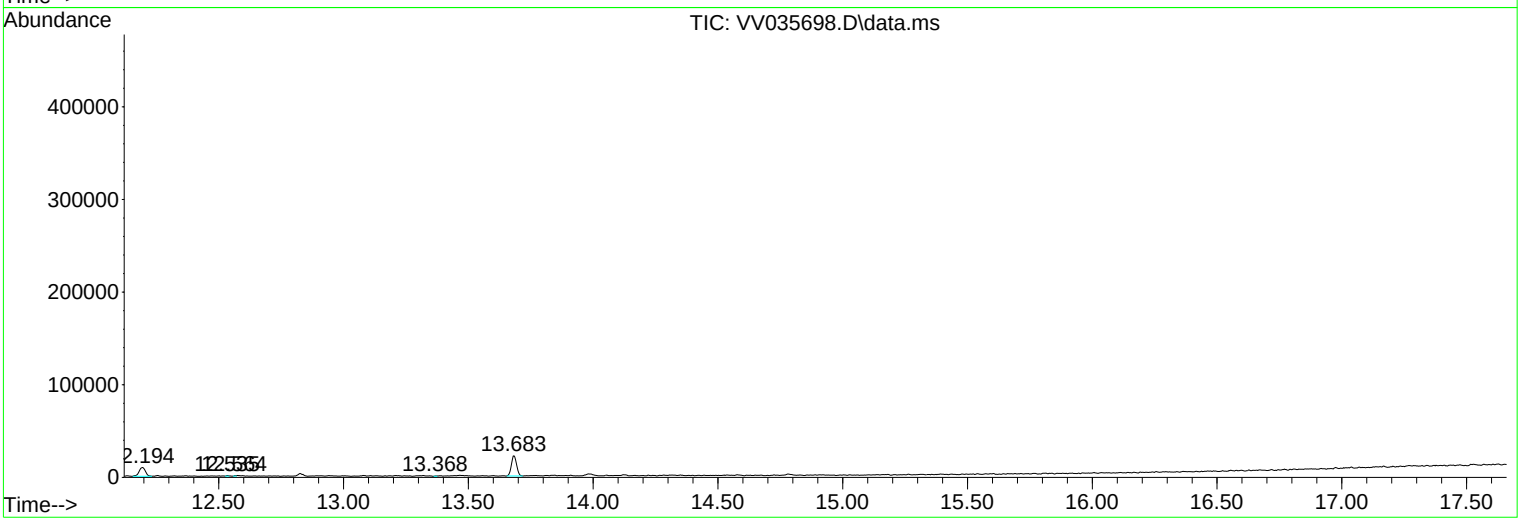
Instrument :
MSVOA_V
ClientSampleId :
BH5R4

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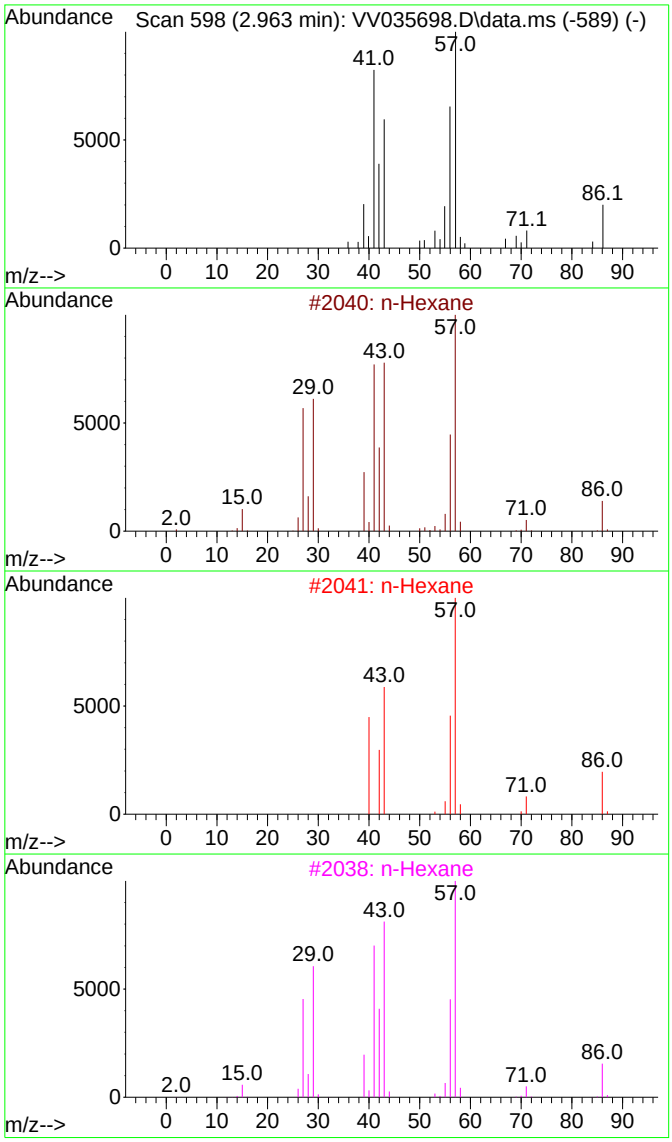
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
Quant Title : VOC Analysis

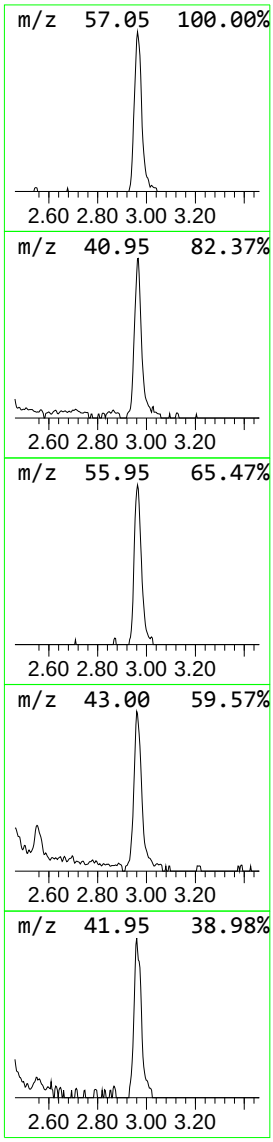
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	1.36 ug/L	45496	1,4-Difluorobenzene	5.532

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	64
3	n-Hexane	86	C6H14	000110-54-3	64
4	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	58
5	n-Hexane	86	C6H14	000110-54-3	50





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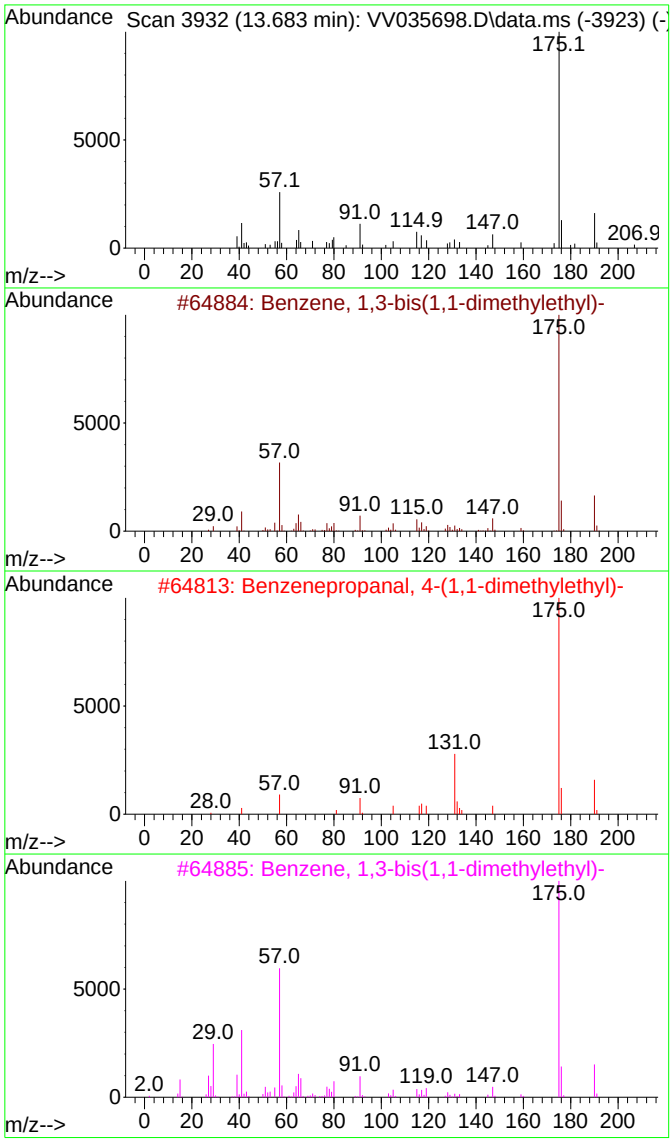
Quant Title : VOC Analysis

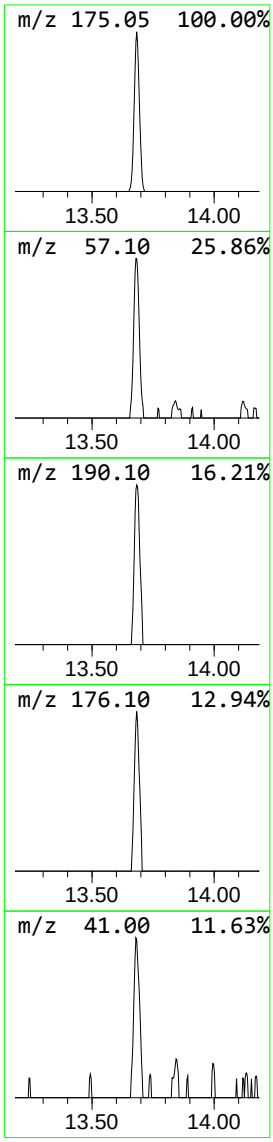
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	1.76 ug/L	31693	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	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	87
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
4	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	80
5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	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...	2.963	1.4	ug/L	45496	1	5.532	835537	25.0
Benzene, 1,3-bi...	13.683	1.8	ug/L	31693	3	11.185	450845	25.0