LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
Data File : VV036237.D
Acq On : 24 Jun 2024 11:40
Operator : SY/MD
Sample : P2856-13
Misc : 5.01g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH5

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\SFAMVLM053024SMA.M
Title : VOC Analysis

Signal : TIC: VV036237.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	67	72	84	rVB	88466	96154	15.95%	2.576%
2	1.526	145	151	162	rVB	86347	101808	16.89%	2.727%
3	2.050	306	314	330	rVB	152113	225870	37.48%	6.051%
4	2.439	426	435	456	rVB	49806	87080	14.45%	2.333%
5	2.957	586	596	621	rVB	70334	142243	23.60%	3.811%
6	3.162	657	660	662	rBV	258	198	0.03%	0.005%
7	3.175	662	664	666	rBV2	303	125	0.02%	0.003%
8	3.188	666	668	669	rBV2	424	148	0.02%	0.004%
9	3.301	700	703	705	rBV	252	156	0.03%	0.004%
10	3.413	734	738	740	rBV2	231	178	0.03%	0.005%
11	3.426	740	742	745	rVB2	485	266	0.04%	0.007%
12	3.452	745	750	754	rBV2	288	383	0.06%	0.010%
13	3.487	759	761	763	rBV	337	154	0.03%	0.004%
14	3.526	768	773	775	rBV	351	266	0.04%	0.007%
15	3.622	800	803	805	rBV2	237	179	0.03%	0.005%
16	3.754	842	844	847	rBV2	510	335	0.06%	0.009%
17	3.850	865	874	898	rBV	13069	51850	8.60%	1.389%
18	4.243	983	996	1025	rVB2	101921	268632	44.57%	7.196%
19	4.551	1090	1092	1094	rBV2	570	288	0.05%	0.008%
20	4.731	1146	1148	1152	rVB2	320	162	0.03%	0.004%
21	4.815	1169	1174	1177	rVB3	459	493	0.08%	0.013%
22	4.841	1177	1182	1185	rBV2	550	591	0.10%	0.016%
23	4.950	1202	1216	1243	rBV2	226284	602708	100.00%	16.146%
24	5.336	1335	1336	1339	rBV2	336	195	0.03%	0.005%
25	5.410	1356	1359	1364	rBV3	474	409	0.07%	0.011%
26	5.529	1386	1396	1421	rBV	194054	423465	70.26%	11.344%
27	5.770	1469	1471	1473	rBV2	362	175	0.03%	0.005%
28	5.834	1480	1491	1503	rBV7	5421	11782	1.95%	0.316%
29	5.921	1516	1518	1520	rBV2	273	171	0.03%	0.005%
30	5.985	1525	1538	1564	rBV	132758	290176	48.15%	7.773%
31	6.259	1621	1623	1626	rBV2	284	180	0.03%	0.005%
32	6.275	1626	1628	1630	rBV2	310	178	0.03%	0.005%
33	6.384	1659	1662	1667	rVV3	580	419	0.07%	0.011%
34	6.416	1670	1672	1676	rVB3	232	148	0.02%	0.004%
35	6.490	1693	1695	1701	rVB2	392	289	0.05%	0.008%
36	6.519	1701	1704	1712	rVB3	389	408	0.07%	0.011%

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH5

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\SFAMVLM053024SMA.M
Title : VOC Analysis

37	6.551	1712	1714	1716	rBV	252	127	0.02%	0.003%
38	6.567	1716	1719	1722	rBV3	244	193	0.03%	0.005%
39	6.603	1727	1730	1732	rBV	239	176	0.03%	0.005%
40	6.683	1753	1755	1757	rVB	364	143	0.02%	0.004%
41	6.696	1757	1759	1762	rBV2	245	147	0.02%	0.004%
42	6.863	1807	1811	1815	rBV	237	215	0.04%	0.006%
43	6.915	1818	1827	1849	rBV2	52676	109269	18.13%	2.927%
44	7.143	1895	1898	1904	rBV4	273	256	0.04%	0.007%
45	7.172	1904	1907	1911	rBV2	443	258	0.04%	0.007%
46	7.194	1911	1914	1917	rBV3	458	317	0.05%	0.008%
47	7.243	1918	1929	1953	rBV	139983	267139	44.32%	7.156%
48	7.558	2019	2027	2055	rBV	32958	72306	12.00%	1.937%
49	7.744	2078	2085	2088	rVB4	670	886	0.15%	0.024%
50	7.824	2109	2110	2113	rVV2	422	278	0.05%	0.007%
51	7.873	2115	2125	2139	rVB3	17050	30337	5.03%	0.813%
52	8.037	2161	2176	2209	rBV	40449	106928	17.74%	2.864%
53	8.365	2271	2278	2289	rVB8	1210	2299	0.38%	0.062%
54	8.496	2315	2319	2321	rBV3	823	540	0.09%	0.014%
55	8.529	2327	2329	2334	rVB3	608	357	0.06%	0.010%
56	8.587	2345	2347	2351	rBV2	288	212	0.04%	0.006%
57	8.619	2355	2357	2359	rBV	315	186	0.03%	0.005%
58	8.638	2361	2363	2365	rBV2	428	231	0.04%	0.006%
59	8.783	2398	2408	2429	rBV	186640	328490	54.50%	8.800%
60	9.030	2482	2485	2486	rBV3	396	224	0.04%	0.006%
61	9.056	2492	2493	2495	rBV	452	217	0.04%	0.006%
62	9.075	2497	2499	2500	rBV	696	378	0.06%	0.010%
63	9.159	2523	2525	2528	rBV3	399	271	0.04%	0.007%
64	9.204	2534	2539	2541	rBV3	462	449	0.07%	0.012%
65	9.291	2564	2566	2568	rBV	248	131	0.02%	0.004%
66	9.316	2572	2574	2578	rBV2	301	178	0.03%	0.005%
67	9.352	2583	2585	2588	rBV3	288	164	0.03%	0.004%
68	9.400	2597	2600	2603	rBV2	556	406	0.07%	0.011%
69	9.660	2679	2681	2687	rBV	233	177	0.03%	0.005%
70	9.767	2711	2714	2715	rBV2	359	144	0.02%	0.004%
71	9.889	2749	2752	2757	rVB2	428	401	0.07%	0.011%
72	9.914	2757	2760	2761	rBV	283	181	0.03%	0.005%
73	9.966	2774	2776	2779	rVB2	575	291	0.05%	0.008%
74	10.004	2785	2788	2792	rBV2	404	272	0.05%	0.007%
75	10.037	2796	2798	2803	rVB	250	148	0.02%	0.004%
76	10.059	2803	2805	2807	rBV2	419	200	0.03%	0.005%

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Misc : 5.01g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SH5

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\SFAMVLM053024SMA.M
Title : VOC Analysis

77	10.107	2815	2820	2822	rBV2	280	217	0.04%	0.006%
78	10.152	2822	2834	2853	rBV	90591	148476	24.63%	3.978%
79	10.323	2876	2887	2900	rBV2	21331	34618	5.74%	0.927%
80	10.458	2926	2929	2933	rVB	449	317	0.05%	0.008%
81	10.474	2933	2934	2937	rBV	347	152	0.03%	0.004%
82	10.525	2948	2950	2952	rVB2	501	211	0.04%	0.006%
83	10.538	2952	2954	2957	rBV2	232	133	0.02%	0.004%
84	10.696	3001	3003	3007	rVB	609	400	0.07%	0.011%
85	10.860	3051	3054	3057	rVB3	612	295	0.05%	0.008%
86	11.139	3134	3141	3143	rBV6	947	925	0.15%	0.025%
87	11.188	3146	3156	3175	rBV2	71267	122478	20.32%	3.281%
88	11.329	3198	3200	3203	rBV2	487	290	0.05%	0.008%
89	11.467	3241	3243	3247	rVB2	392	202	0.03%	0.005%
90	11.516	3247	3258	3261	rBV6	2140	3580	0.59%	0.096%
91	11.564	3265	3273	3291	rVB	41247	71511	11.86%	1.916%
92	11.876	3368	3370	3373	rBV2	452	289	0.05%	0.008%
93	11.956	3393	3395	3399	rVB	455	190	0.03%	0.005%
94	12.194	3459	3469	3477	rBV2	14563	23530	3.90%	0.630%
95	12.590	3585	3592	3599	rBV5	863	1465	0.24%	0.039%
96	12.760	3643	3645	3651	rBV2	452	421	0.07%	0.011%
97	13.004	3720	3721	3724	rVB	352	120	0.02%	0.003%
98	13.082	3743	3745	3749	rBV2	443	243	0.04%	0.007%
99	13.683	3923	3932	3941	rBV2	13099	19400	3.22%	0.520%
100	13.982	4015	4025	4040	rBV	42716	69642	11.55%	1.866%

Sum of corrected areas: 3732889

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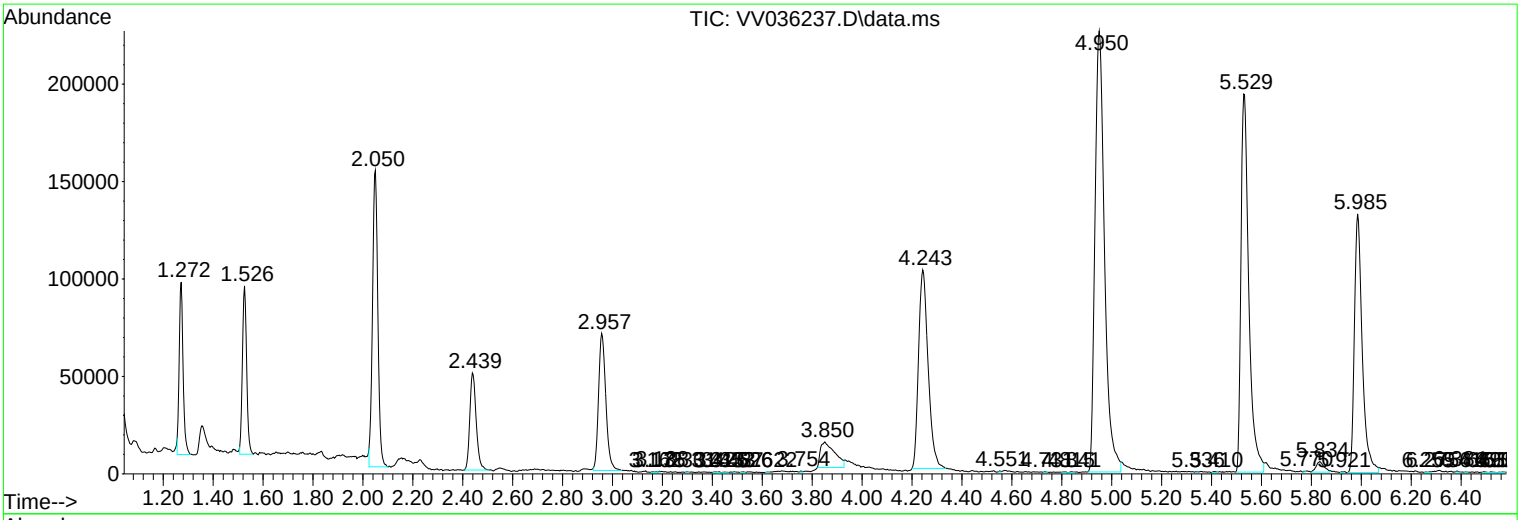
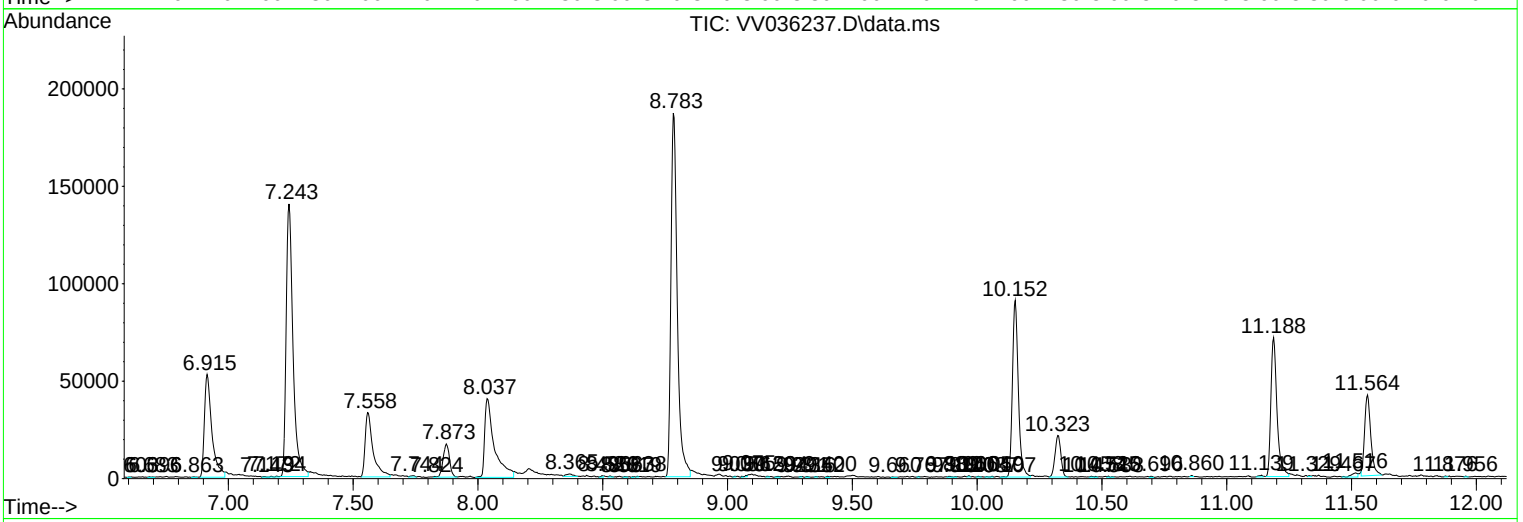
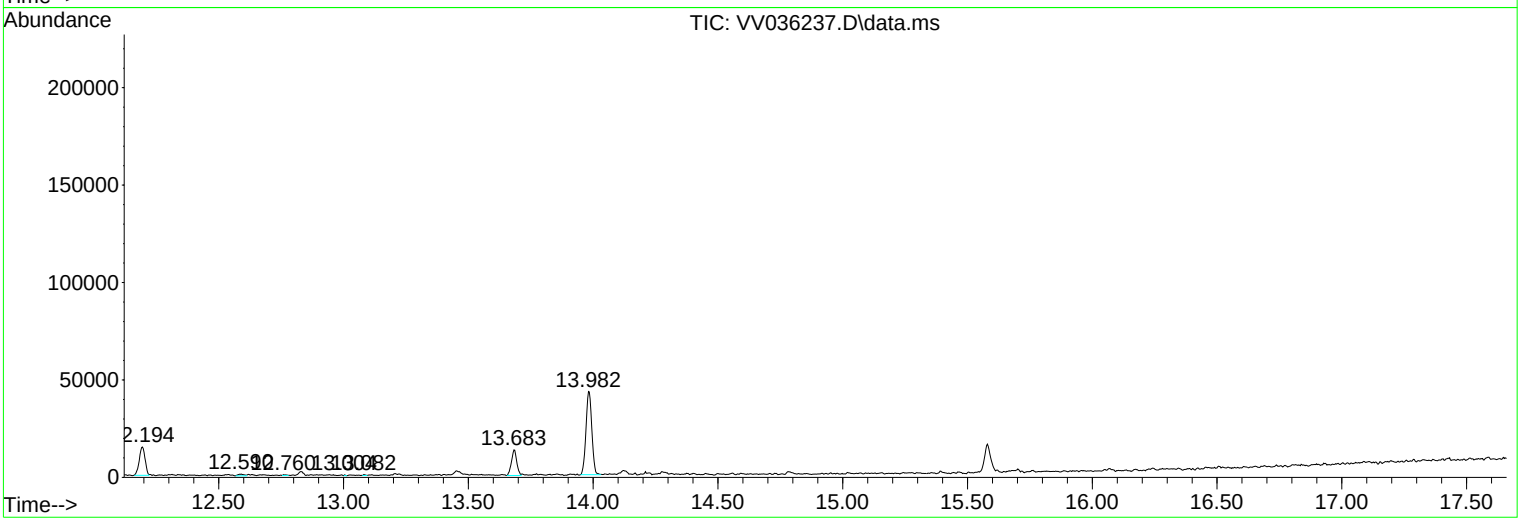
Instrument :
MSVOA_V
ClientSampleId :
C0SH5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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







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MSVOA_V
ClientSampleId :
C0SH5

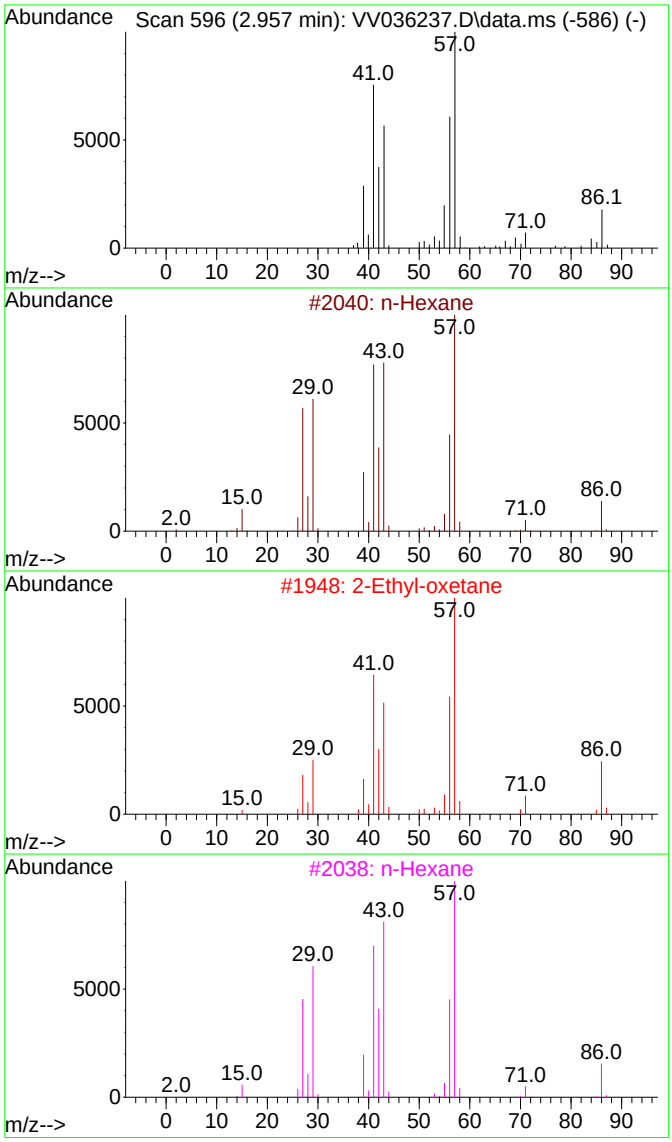
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

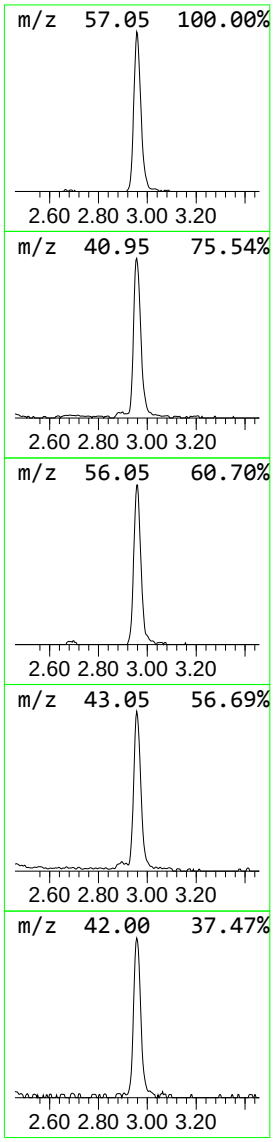
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.957	8.40 ug/L	142243	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	78
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	59





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ClientSampleId :
C0SH5

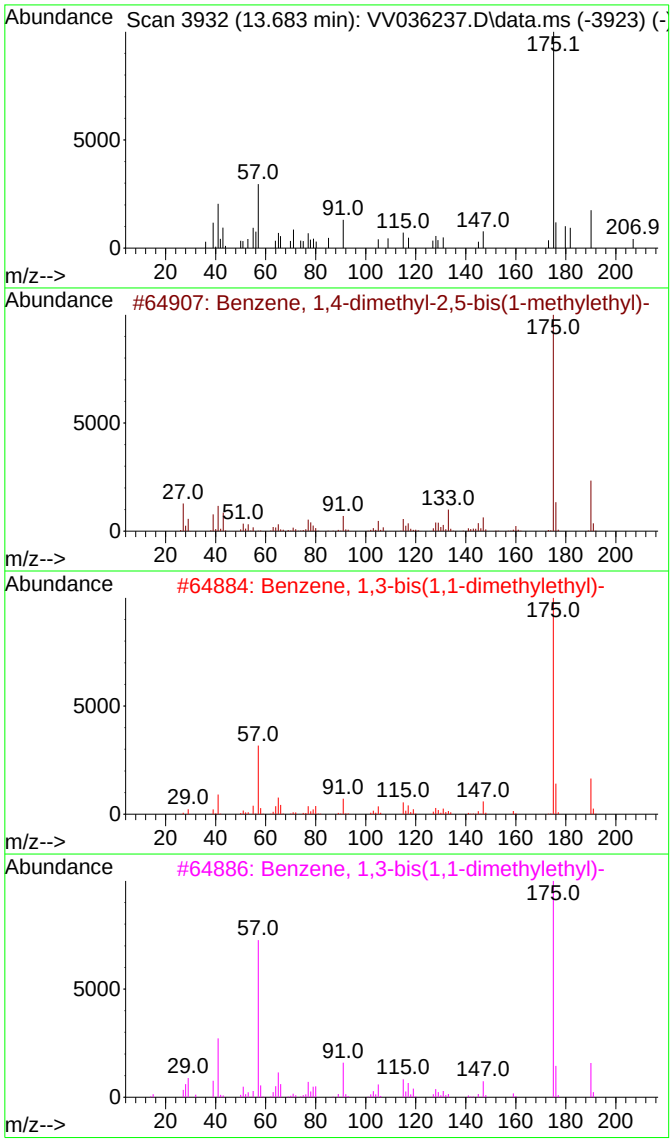
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

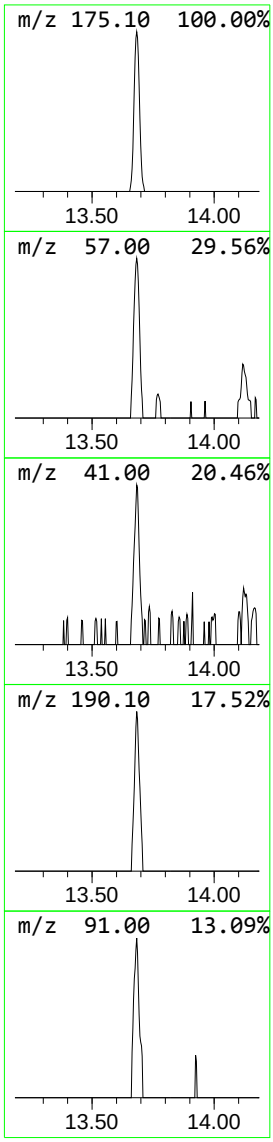
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,4-dimethyl-2,5-b... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.683	3.96 ug/L	19400	1,4-Dichlorobenzene-d4	11.188

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	64
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	64
3	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	62
4	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	59
5	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	59





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
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...	2.957	8.4	ug/L	142243	1	5.532	423465	25.0
Benzene, 1,4-di...	13.683	4.0	ug/L	19400	3	11.188	122478	25.0