LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062424\
Data File : VV036239.D
Acq On : 24 Jun 2024 12:26
Operator : SY/MD
Sample : P2856-14
Misc : 5.02g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

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: VV036239.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	89	rVB	138927	152935	16.33%	2.334%
2	1.526	145	151	166	rVB	129650	155662	16.62%	2.375%
3	2.053	306	315	333	rVB	254406	367848	39.29%	5.613%
4	2.442	425	436	456	rVB	44804	80492	8.60%	1.228%
5	2.513	456	458	460	rBV2	764	400	0.04%	0.006%
6	2.703	510	517	526	rVB8	1511	2666	0.28%	0.041%
7	2.751	529	532	536	rBV	171	131	0.01%	0.002%
8	2.915	581	583	586	rVB2	247	100	0.01%	0.002%
9	2.963	586	598	615	rBV2	36151	75167	8.03%	1.147%
10	3.169	659	662	666	rVB3	590	424	0.05%	0.006%
11	3.188	666	668	670	rBV	243	131	0.01%	0.002%
12	3.201	670	672	674	rBV	237	121	0.01%	0.002%
13	3.249	685	687	689	rBV	286	114	0.01%	0.002%
14	3.365	721	723	726	rVV2	396	234	0.02%	0.004%
15	3.497	762	764	768	rVB2	325	133	0.01%	0.002%
16	3.516	768	770	771	rBV	214	108	0.01%	0.002%
17	3.584	789	791	794	rVB3	226	125	0.01%	0.002%
18	3.616	798	801	803	rBV	282	173	0.02%	0.003%
19	3.661	812	815	819	rVB3	713	496	0.05%	0.008%
20	3.751	839	843	846	rBV2	270	218	0.02%	0.003%
21	3.818	848	864	901	rBV2	39795	146325	15.63%	2.233%
22	4.243	980	996	1023	rBV	161432	430328	45.96%	6.566%
23	4.619	1111	1113	1118	rVB5	747	380	0.04%	0.006%
24	4.719	1139	1144	1145	rBV2	465	314	0.03%	0.005%
25	4.783	1161	1164	1169	rBV4	451	456	0.05%	0.007%
26	4.857	1184	1187	1188	rBV	186	87	0.01%	0.001%
27	4.953	1200	1217	1259	rBV2	355285	936352	100.00%	14.287%
28	5.346	1336	1339	1340	rBV	331	171	0.02%	0.003%
29	5.416	1360	1361	1362	rBV	241	85	0.01%	0.001%
30	5.436	1364	1367	1368	rVV2	469	197	0.02%	0.003%
31	5.452	1369	1372	1374	rVV2	253	141	0.02%	0.002%
32	5.532	1386	1397	1426	rBV	245617	532791	56.90%	8.130%
33	5.831	1480	1490	1519	rVB4	11234	29150	3.11%	0.445%
34	5.931	1519	1521	1522	rVB	365	120	0.01%	0.002%
35	5.944	1522	1525	1526	rBV	327	152	0.02%	0.002%
36	5.985	1526	1538	1568	rBV	207471	447634	47.81%	6.830%

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Instrument :
MSVOA_V
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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

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	6.416	1668	1672	1674	rBV2	646	418	0.04%	0.006%
38	6.439	1676	1679	1681	rVV	427	298	0.03%	0.005%
39	6.529	1704	1707	1709	rVB2	470	245	0.03%	0.004%
40	6.551	1711	1714	1716	rBV2	344	232	0.02%	0.004%
41	6.567	1716	1719	1726	rVB4	670	447	0.05%	0.007%
42	6.603	1726	1730	1732	rBV2	409	220	0.02%	0.003%
43	6.635	1738	1740	1744	rVB2	220	100	0.01%	0.002%
44	6.664	1744	1749	1750	rBV3	472	322	0.03%	0.005%
45	6.677	1750	1753	1755	rBV2	377	195	0.02%	0.003%
46	6.699	1758	1760	1763	rBV	417	253	0.03%	0.004%
47	6.731	1768	1770	1772	rBV2	379	142	0.02%	0.002%
48	6.764	1777	1780	1782	rBV	322	196	0.02%	0.003%
49	6.776	1782	1784	1787	rVB2	380	190	0.02%	0.003%
50	6.792	1787	1789	1790	rBV2	224	100	0.01%	0.002%
51	6.802	1790	1792	1795	rBV	271	132	0.01%	0.002%
52	6.915	1817	1827	1857	rBV	81878	167606	17.90%	2.557%
53	7.182	1907	1910	1913	rBV3	679	394	0.04%	0.006%
54	7.201	1913	1916	1918	rBV2	470	244	0.03%	0.004%
55	7.243	1918	1929	1953	rBV	367867	670809	71.64%	10.235%
56	7.554	2018	2026	2043	rBV2	51583	101253	10.81%	1.545%
57	7.873	2111	2125	2135	rBV	23716	43203	4.61%	0.659%
58	8.034	2167	2175	2192	rBV	50399	104652	11.18%	1.597%
59	8.358	2271	2276	2288	rVB2	10399	17025	1.82%	0.260%
60	8.542	2331	2333	2334	rBV2	420	157	0.02%	0.002%
61	8.583	2344	2346	2347	rBV2	448	213	0.02%	0.003%
62	8.648	2364	2366	2367	rBV	270	90	0.01%	0.001%
63	8.667	2369	2372	2373	rVV	444	177	0.02%	0.003%
64	8.677	2373	2375	2376	rVB2	298	96	0.01%	0.001%
65	8.783	2395	2408	2437	rBV	385549	668127	71.35%	10.195%
66	9.220	2540	2544	2547	rVB3	485	378	0.04%	0.006%
67	9.246	2547	2552	2553	rBV2	396	365	0.04%	0.006%
68	9.294	2565	2567	2574	rBV2	394	357	0.04%	0.005%
69	9.384	2593	2595	2596	rBV	234	106	0.01%	0.002%
70	9.484	2623	2626	2628	rBV2	945	589	0.06%	0.009%
71	9.599	2658	2662	2665	rBV2	372	345	0.04%	0.005%
72	9.670	2682	2684	2687	rBV2	239	145	0.02%	0.002%
73	9.796	2720	2723	2725	rBV	270	186	0.02%	0.003%
74	9.828	2730	2733	2735	rBV3	325	231	0.02%	0.004%
75	9.873	2740	2747	2754	rVV5	1079	1521	0.16%	0.023%
76	9.972	2776	2778	2779	rBV	362	166	0.02%	0.003%

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

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	10.005	2785	2788	2796	rBV3	535	471	0.05%	0.007%
78	10.056	2799	2804	2807	rBV2	324	307	0.03%	0.005%
79	10.152	2817	2834	2866	rBV	152703	258200	27.58%	3.940%
80	10.323	2876	2887	2901	rVV	39504	66041	7.05%	1.008%
81	10.387	2905	2907	2910	rBV	243	173	0.02%	0.003%
82	10.432	2918	2921	2923	rBV2	275	204	0.02%	0.003%
83	10.596	2964	2972	2973	rBV3	392	418	0.04%	0.006%
84	10.648	2985	2988	2994	rBV3	467	429	0.05%	0.007%
85	10.947	3078	3081	3082	rBV2	406	173	0.02%	0.003%
86	11.072	3116	3120	3128	rBV4	1100	1474	0.16%	0.022%
87	11.127	3131	3137	3138	rBV5	1554	1329	0.14%	0.020%
88	11.185	3145	3155	3174	rBV	316227	514432	54.94%	7.849%
89	11.432	3227	3232	3238	rVB3	572	628	0.07%	0.010%
90	11.500	3251	3253	3254	rBV	331	152	0.02%	0.002%
91	11.558	3260	3271	3291	rBV	321430	524272	55.99%	8.000%
92	11.837	3353	3358	3364	rBV4	1012	1410	0.15%	0.022%
93	11.985	3402	3404	3407	rBV2	487	177	0.02%	0.003%
94	12.062	3425	3428	3431	rVB3	505	329	0.04%	0.005%
95	12.127	3447	3448	3450	rBV3	302	141	0.02%	0.002%
96	12.194	3459	3469	3481	rVB2	11710	18324	1.96%	0.280%
97	12.590	3586	3592	3599	rBV6	1712	2474	0.26%	0.038%
98	13.078	3740	3744	3750	rVB4	1136	1270	0.14%	0.019%
99	13.175	3772	3774	3776	rBV2	482	226	0.02%	0.003%
100	13.683	3926	3932	3942	rVB	11856	16420	1.75%	0.251%

Sum of corrected areas: 6553760

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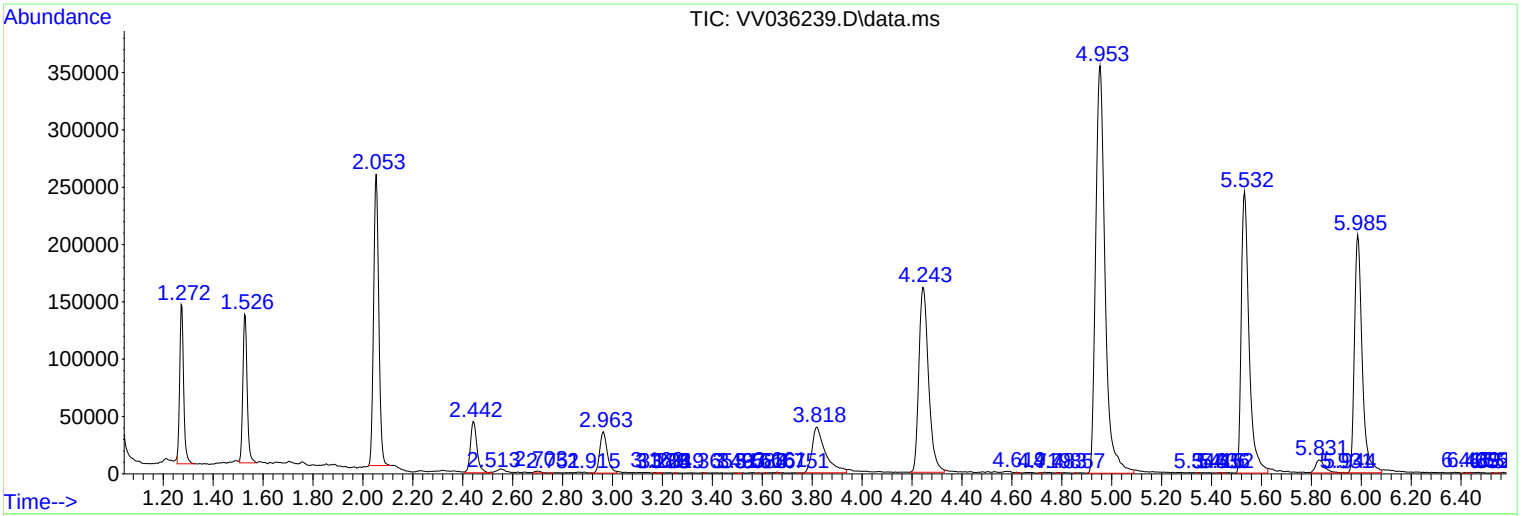
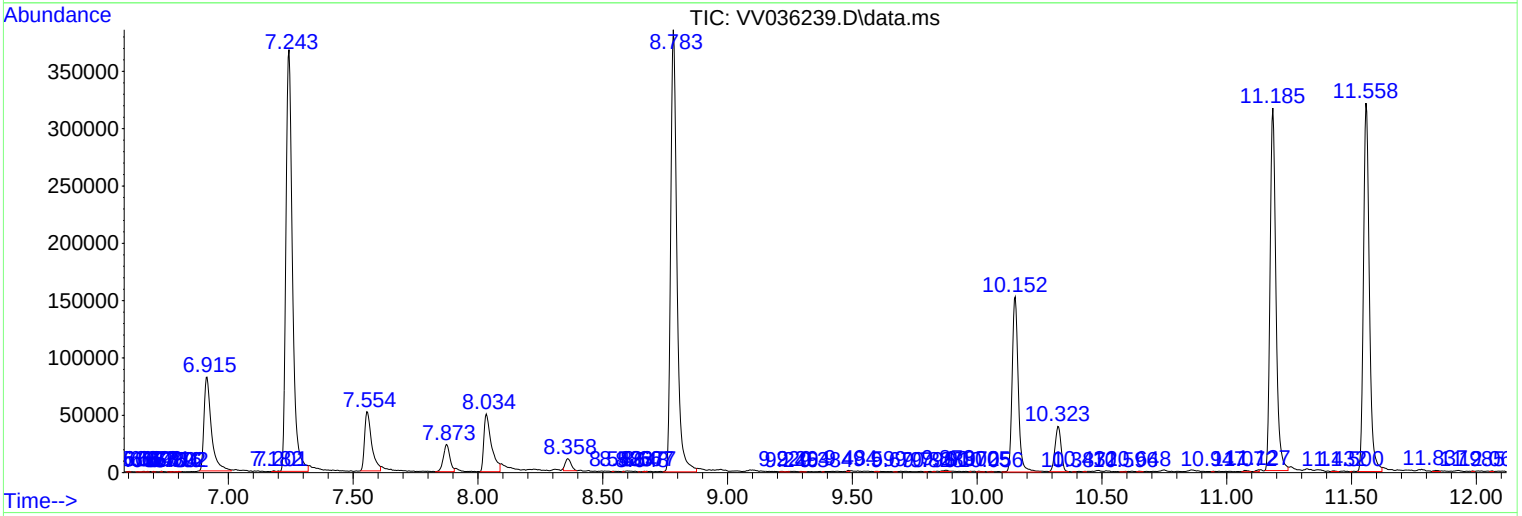
ALS Vial : 7 Sample Multiplier: 1

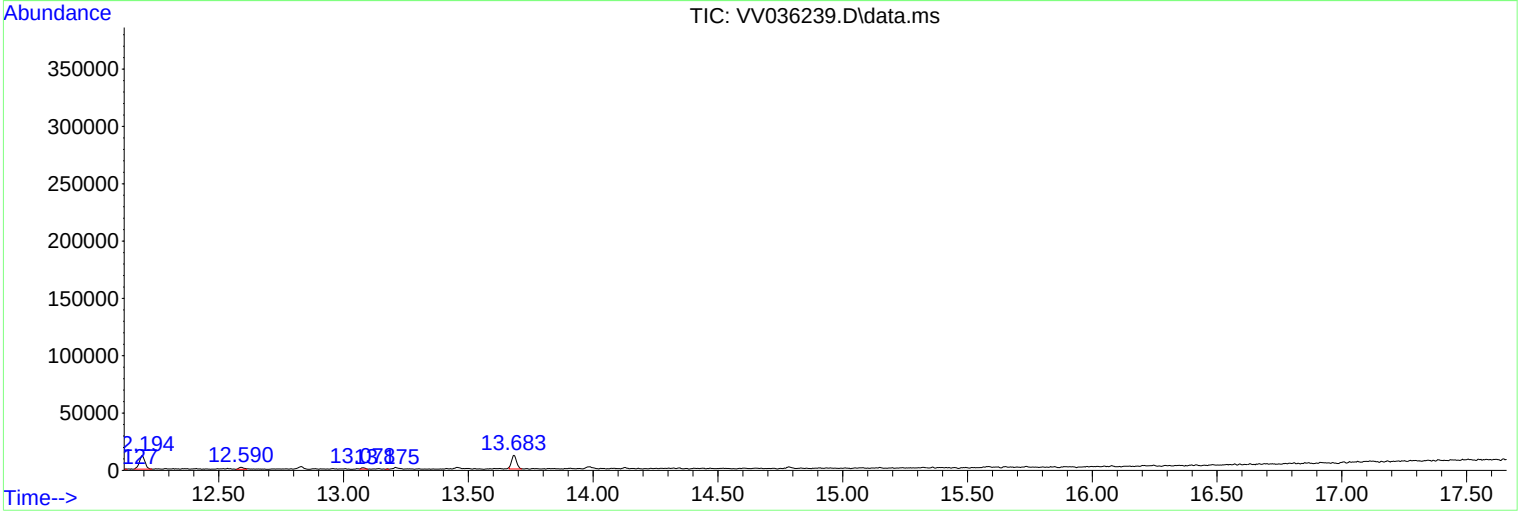
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

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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Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

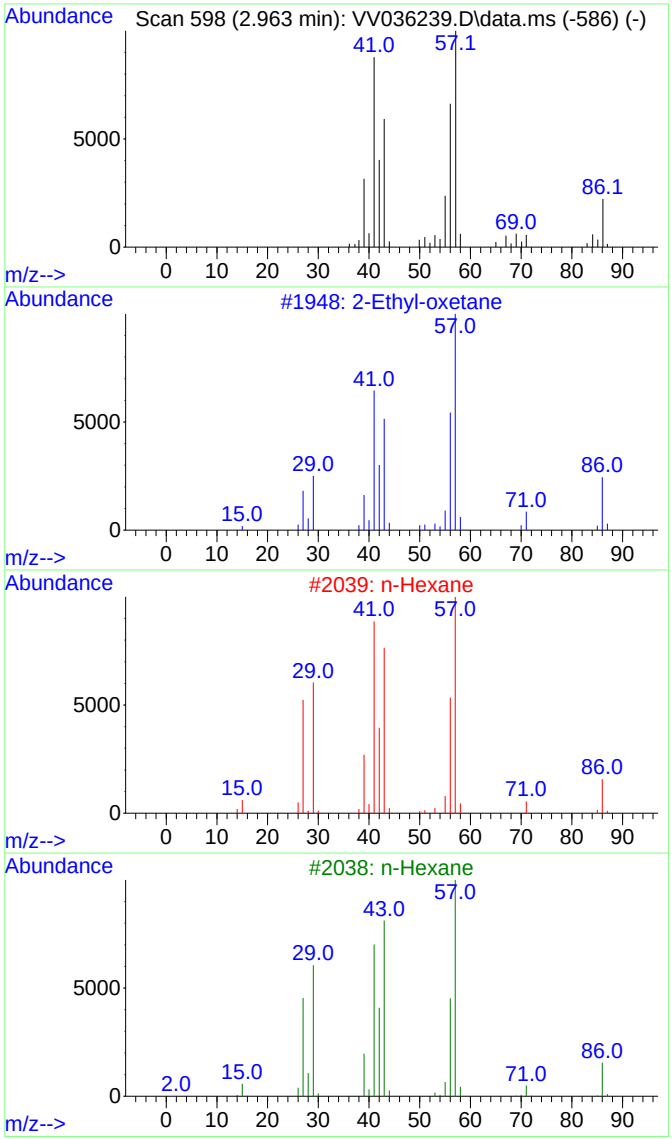
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

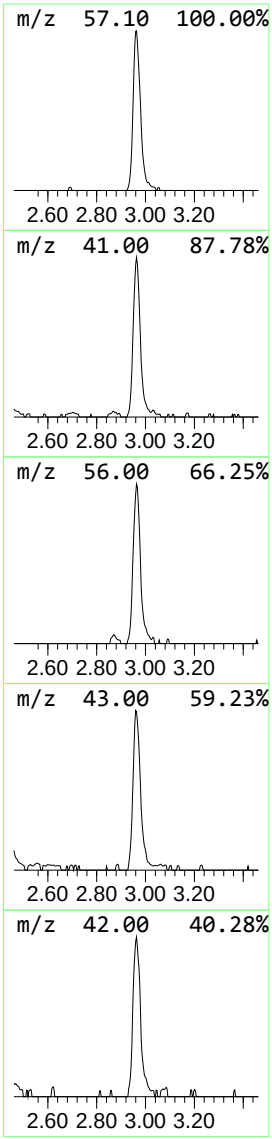
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Ethyl-oxetane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.963	3.53 ug/L	75167	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-oxetane	86	C5H10O	1010386-40-2	87
2	n-Hexane	86	C6H14	000110-54-3	86
3	n-Hexane	86	C6H14	000110-54-3	78
4	n-Hexane	86	C6H14	000110-54-3	64
5	n-Hexane	86	C6H14	000110-54-3	53





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
2-Ethyl-oxetane	2.963	3.5	ug/L	75167	1	5.532	532791	25.0