LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100920\
Data File : VV018806.D
Acq On : 09 Oct 2020 10:07
Operator : SY/MD
Sample : L4239-17
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S1

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\SOMVLM100820WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.315	63	70	81	rVB	221616	224939	10.15%	1.226%
2	1.576	145	151	165	rVB	194887	222714	10.05%	1.214%
3	2.122	312	321	337	rVB	380782	556626	25.12%	3.034%
4	2.515	433	443	448	rBV2	22969	41875	1.89%	0.228%
5	2.782	512	526	548	rVB	105144	212908	9.61%	1.161%
6	2.884	555	558	562	rBV2	288	252	0.01%	0.001%
7	2.907	563	565	568	rVB2	480	239	0.01%	0.001%
8	2.930	568	572	575	rBV2	497	451	0.02%	0.002%
9	2.968	581	584	585	rBV2	708	376	0.02%	0.002%
10	3.068	604	615	623	rVB6	2959	5517	0.25%	0.030%
11	3.161	638	644	649	rBV3	484	503	0.02%	0.003%
12	3.190	649	653	655	rBV	476	377	0.02%	0.002%
13	3.386	707	714	718	rBV5	1204	1618	0.07%	0.009%
14	3.460	733	737	741	rBV4	646	491	0.02%	0.003%
15	3.563	752	769	789	rBV3	26046	70690	3.19%	0.385%
16	3.901	863	874	909	rBV	124168	348623	15.73%	1.900%
17	4.373	1005	1021	1050	rBV	261123	650564	29.36%	3.547%
18	4.627	1097	1100	1101	rBV2	457	270	0.01%	0.001%
19	4.775	1141	1146	1148	rBV3	1284	1115	0.05%	0.006%
20	4.984	1208	1211	1214	rVB3	531	311	0.01%	0.002%
21	5.071	1218	1238	1269	rBV2	641114	1669977	75.37%	9.104%
22	5.402	1338	1341	1343	rBV3	509	332	0.01%	0.002%
23	5.431	1348	1350	1352	rBV3	452	259	0.01%	0.001%
24	5.495	1367	1370	1371	rBV	622	342	0.02%	0.002%
25	5.595	1398	1401	1402	rBV2	385	236	0.01%	0.001%
26	5.640	1402	1415	1442	rVV	348812	697351	31.47%	3.802%
27	5.872	1484	1487	1488	rBV2	585	343	0.02%	0.002%
28	6.039	1535	1539	1542	rBV4	300	237	0.01%	0.001%
29	6.093	1542	1556	1582	rBV	373180	756352	34.13%	4.123%
30	6.322	1624	1627	1630	rBV3	315	259	0.01%	0.001%
31	6.479	1673	1676	1679	rBV3	1019	889	0.04%	0.005%
32	6.563	1699	1702	1704	rBV2	450	292	0.01%	0.002%
33	6.605	1712	1715	1718	rVB2	532	304	0.01%	0.002%
34	6.637	1720	1725	1726	rBV4	707	499	0.02%	0.003%

LSC Area Percent Report

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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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Title : VOC Analysis

35	6.653	1726	1730	1744	rVB6	2246	3867	0.17%	0.021%
36	6.855	1788	1793	1796	rBV5	952	922	0.04%	0.005%
37	6.916	1810	1812	1815	rVB	668	314	0.01%	0.002%
38	6.955	1819	1824	1827	rBV4	256	291	0.01%	0.002%
39	7.007	1828	1840	1873	rBV	201718	370000	16.70%	2.017%
40	7.338	1931	1943	1963	rBV	762509	1289099	58.18%	7.027%
41	7.585	2018	2020	2023	rBV3	498	257	0.01%	0.001%
42	7.640	2028	2037	2061	rVV	142524	268522	12.12%	1.464%
43	7.865	2104	2107	2108	rBV	673	341	0.02%	0.002%
44	7.929	2123	2127	2129	rBV2	864	660	0.03%	0.004%
45	8.000	2142	2149	2162	rVB8	6030	10370	0.47%	0.057%
46	8.106	2170	2182	2215	rBV2	377183	753874	34.02%	4.110%
47	8.595	2329	2334	2336	rBV3	585	460	0.02%	0.003%
48	8.614	2336	2340	2343	rVV2	293	284	0.01%	0.002%
49	8.666	2354	2356	2359	rVB2	474	244	0.01%	0.001%
50	8.691	2362	2364	2369	rBV3	572	357	0.02%	0.002%
51	8.740	2377	2379	2383	rBV2	375	295	0.01%	0.002%
52	8.875	2409	2421	2423	rBV	597625	777271	35.08%	4.237%
53	9.035	2463	2471	2485	rVB	46115	73579	3.32%	0.401%
54	9.367	2571	2574	2576	rBV	507	366	0.02%	0.002%
55	9.447	2596	2599	2601	rBV	471	248	0.01%	0.001%
56	9.492	2611	2613	2615	rVV	433	233	0.01%	0.001%
57	9.514	2618	2620	2624	rVB3	626	400	0.02%	0.002%
58	9.569	2633	2637	2642	rBV3	1260	1330	0.06%	0.007%
59	9.604	2646	2648	2652	rVB2	449	308	0.01%	0.002%
60	9.643	2655	2660	2663	rBV2	411	388	0.02%	0.002%
61	9.707	2673	2680	2681	rBV2	398	449	0.02%	0.002%
62	9.762	2695	2697	2702	rBV2	289	215	0.01%	0.001%
63	9.903	2738	2741	2743	rBV	559	334	0.02%	0.002%
64	9.955	2749	2757	2766	rBV3	10214	15926	0.72%	0.087%
65	10.019	2775	2777	2779	rBV2	378	243	0.01%	0.001%
66	10.058	2786	2789	2791	rBV2	391	244	0.01%	0.001%
67	10.135	2811	2813	2815	rBV	446	202	0.01%	0.001%
68	10.235	2833	2844	2865	rBV	443714	690141	31.15%	3.762%
69	10.376	2878	2888	2908	rBV2	19051	35422	1.60%	0.193%
70	10.450	2909	2911	2912	rBV	496	217	0.01%	0.001%
71	10.553	2940	2943	2953	rBV6	626	1155	0.05%	0.006%

LSC Area Percent Report

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ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S1

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\SOMVLM100820WMA.M
Title : VOC Analysis

72	10.714	2988	2993	2998	rBV3	2170	3076	0.14%	0.017%
73	10.836	3028	3031	3035	rBV2	274	274	0.01%	0.001%
74	11.042	3086	3095	3101	rBV3	6962	11466	0.52%	0.063%
75	11.202	3133	3145	3157	rBV	1190129	1825446	82.38%	9.951%
76	11.293	3157	3173	3194	rVB2	897793	2215773	100.00%	12.079%
77	11.553	3243	3254	3271	rBV4	109931	242071	10.92%	1.320%
78	11.646	3271	3283	3306	rVB	856263	1461439	65.96%	7.967%
79	11.768	3313	3321	3331	rVB3	9773	15149	0.68%	0.083%
80	11.939	3368	3374	3375	rBV3	718	659	0.03%	0.004%
81	12.071	3407	3415	3425	rVB2	14451	20910	0.94%	0.114%
82	12.138	3429	3436	3441	rBV	8674	11425	0.52%	0.062%
83	12.280	3469	3480	3487	rBV4	12017	20181	0.91%	0.110%
84	12.408	3514	3520	3522	rBV4	6280	7443	0.34%	0.041%
85	12.508	3545	3551	3556	rVB5	2506	2911	0.13%	0.016%
86	12.572	3562	3571	3584	rBV2	25631	39946	1.80%	0.218%
87	12.672	3593	3602	3618	rBV8	10679	32034	1.45%	0.175%
88	12.746	3619	3625	3644	rVB	29182	48261	2.18%	0.263%
89	12.907	3666	3675	3689	rVB	118208	177535	8.01%	0.968%
90	13.045	3709	3718	3720	rBV5	3334	4293	0.19%	0.023%
91	13.190	3756	3763	3771	rBV5	10812	17917	0.81%	0.098%
92	13.283	3781	3792	3806	rBV	1440840	2211090	99.79%	12.054%
93	13.508	3852	3862	3865	rBV7	4689	7003	0.32%	0.038%
94	13.636	3893	3902	3915	rBV4	18126	31829	1.44%	0.174%
95	13.730	3924	3931	3940	rBV2	20307	30295	1.37%	0.165%
96	13.932	3986	3994	4009	rVB	19257	31731	1.43%	0.173%
97	14.112	4042	4050	4065	rVB4	15370	26554	1.20%	0.145%
98	14.254	4087	4094	4104	rVB2	18335	28147	1.27%	0.153%
99	14.386	4131	4135	4143	rVB6	2774	3389	0.15%	0.018%
100	14.453	4147	4156	4172	rBV4	26986	48603	2.19%	0.265%

Sum of corrected areas: 18343809

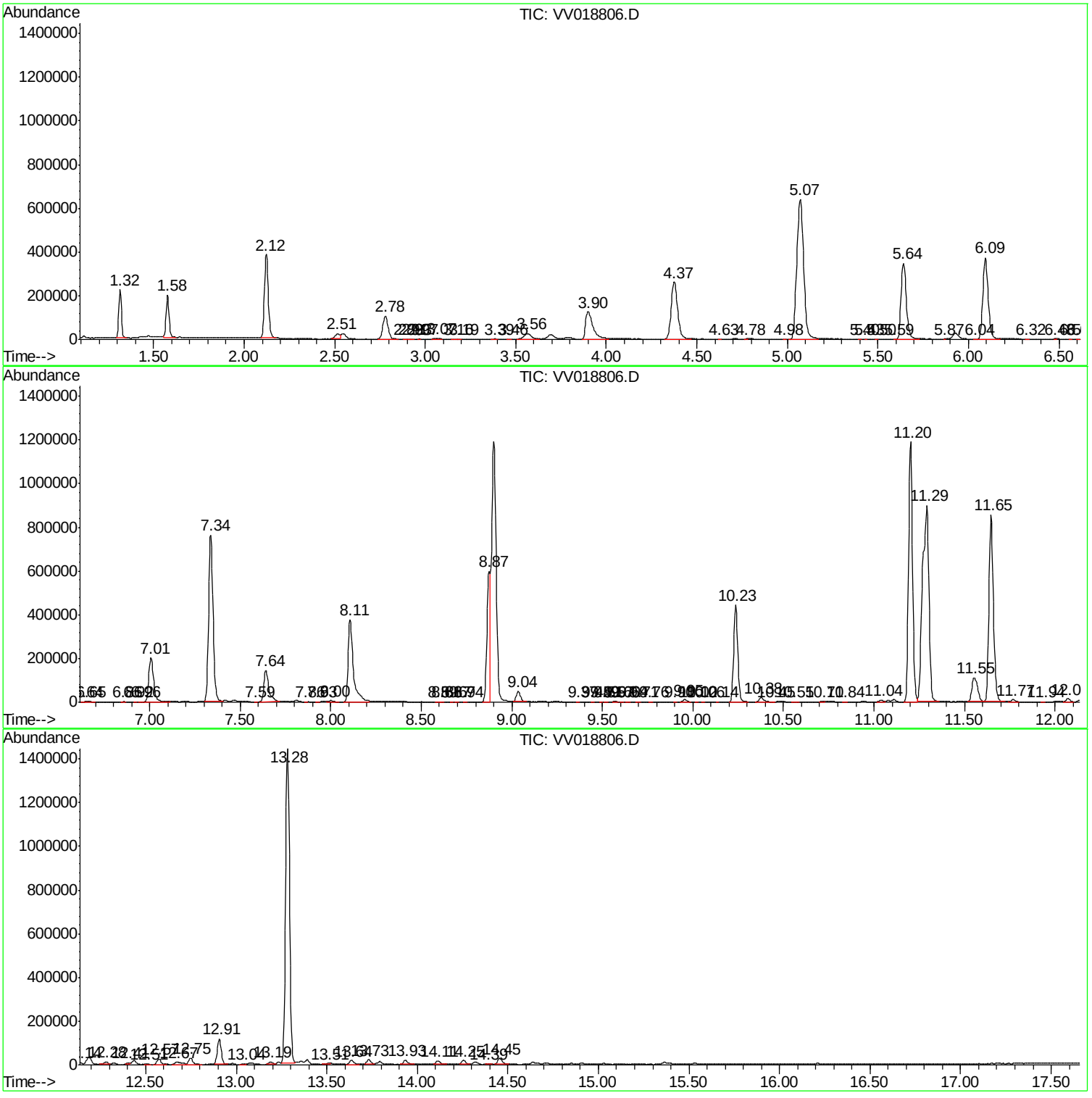
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018806.D
Acq On : 09 Oct 2020 10:07
Operator : SY/MD
Sample : L4239-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018806.D
Acq On : 09 Oct 2020 10:07
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ClientSampleId : BG3S1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

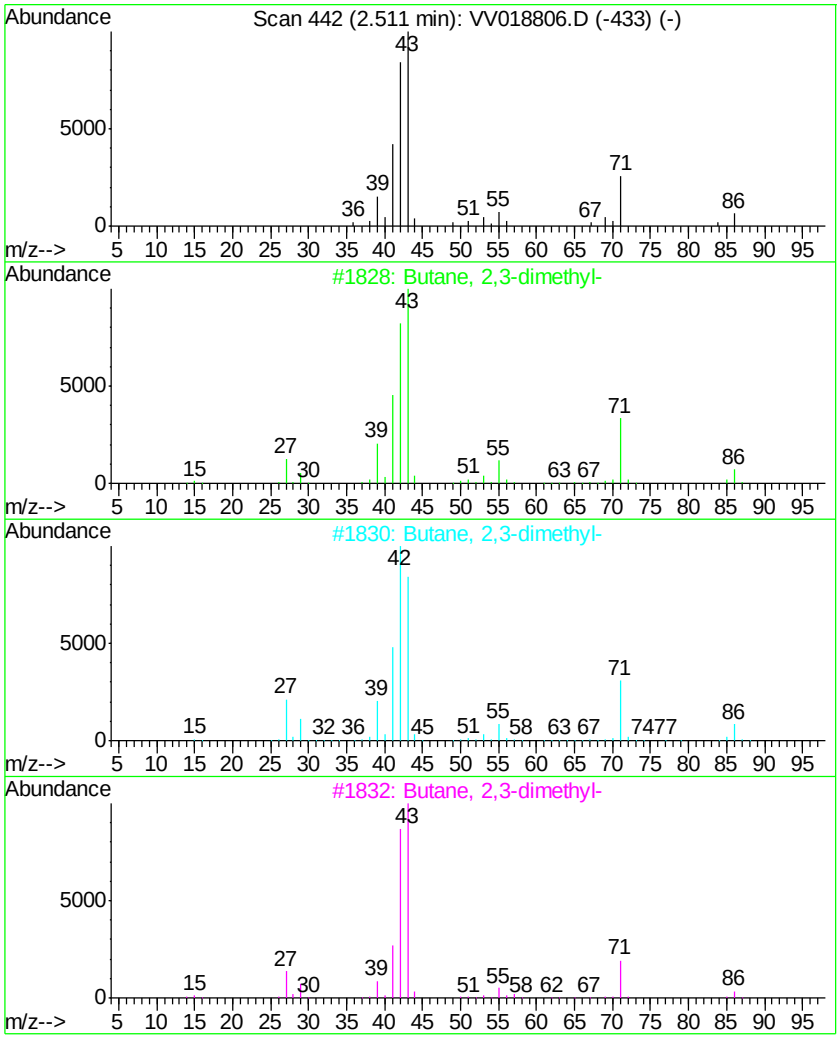
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

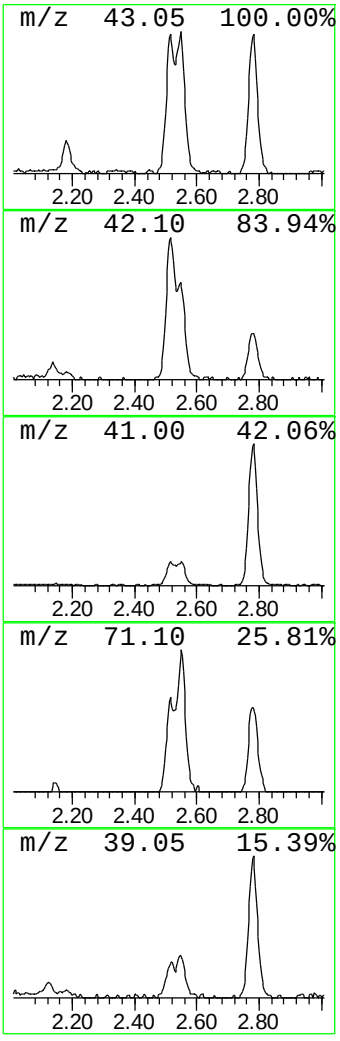
****

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.51	3.00 ug/L	41875	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	80
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	72
5	1-Pentene	70	C5H10	000109-67-1	28





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
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Acq On : 09 Oct 2020 10:07
Operator : SY/MD
Sample : L4239-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

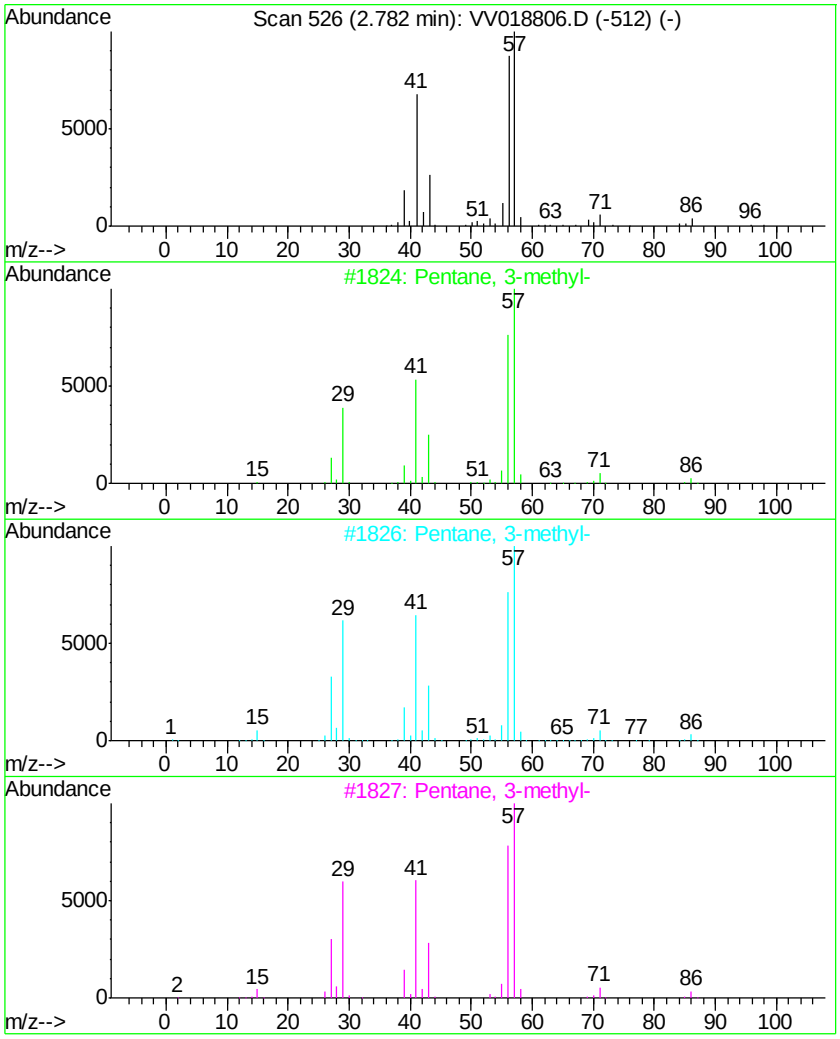
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

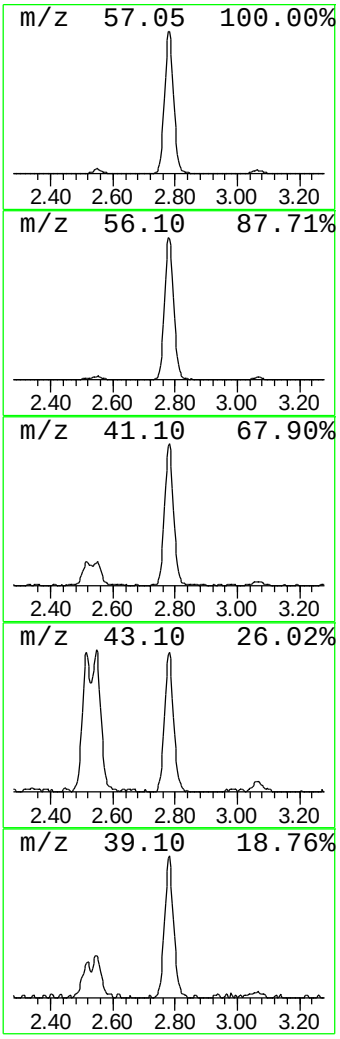
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	15.27 ug/L	212908	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	87
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	72





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ClientSampleId : BG3S1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

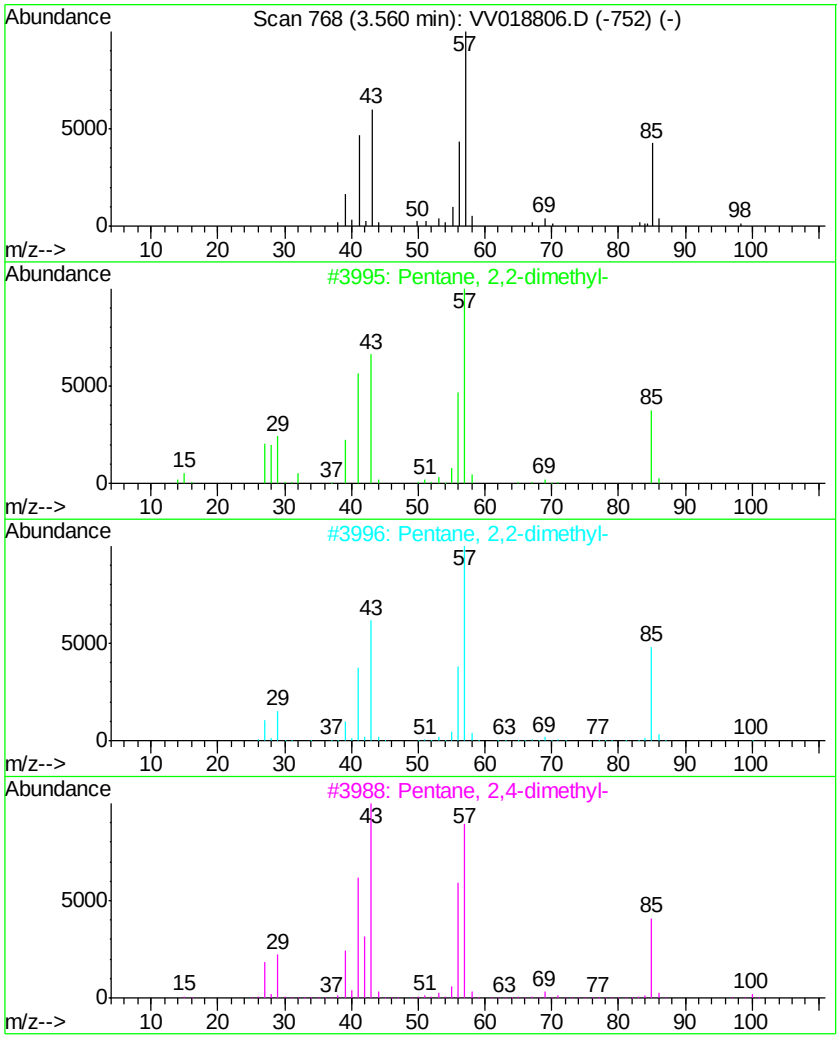
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

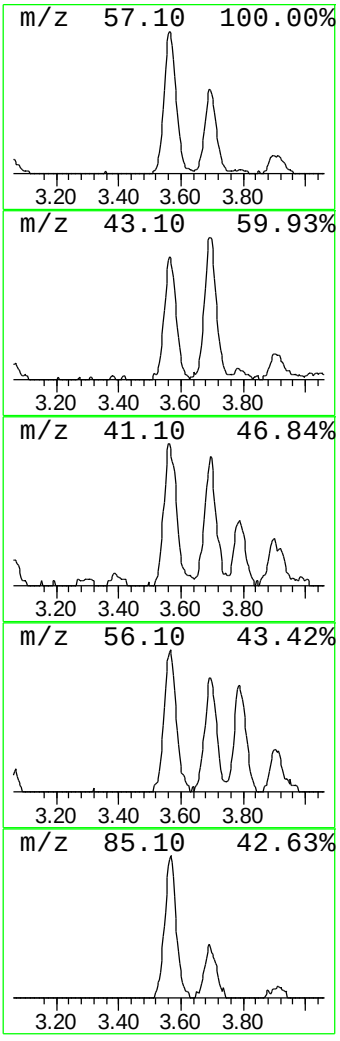
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	5.07 ug/L	70690	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
2	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
3	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	83
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	83
5	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	78





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ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

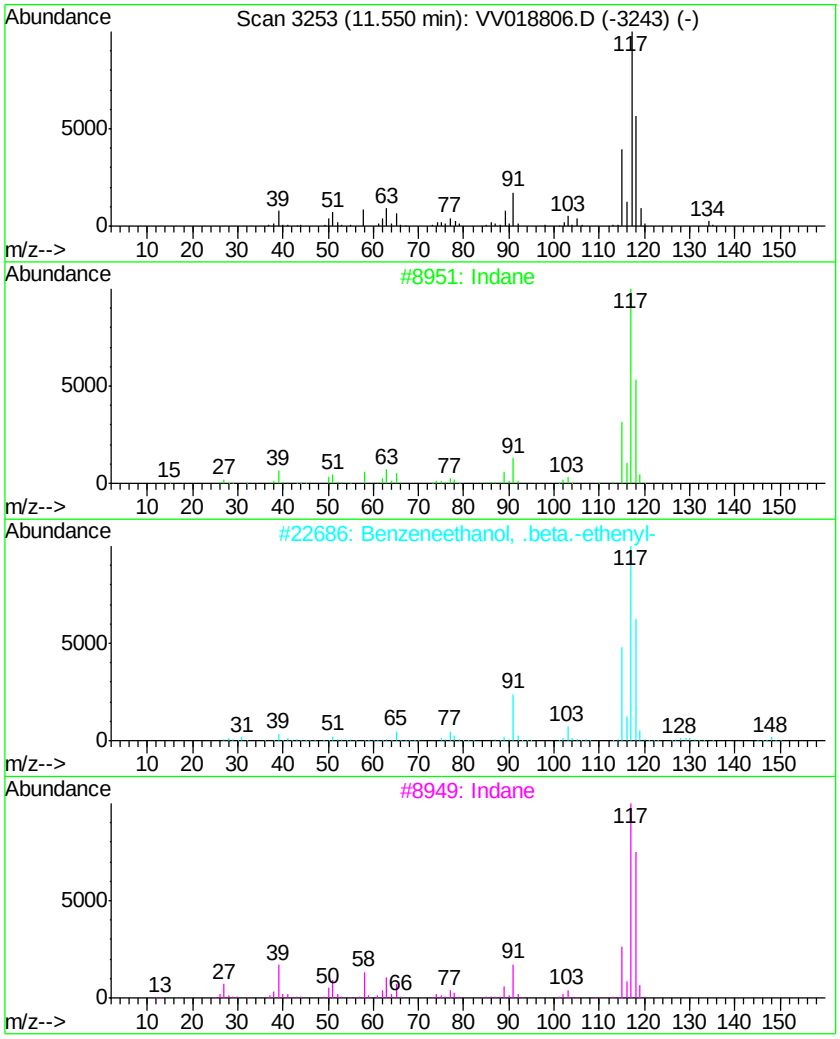
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

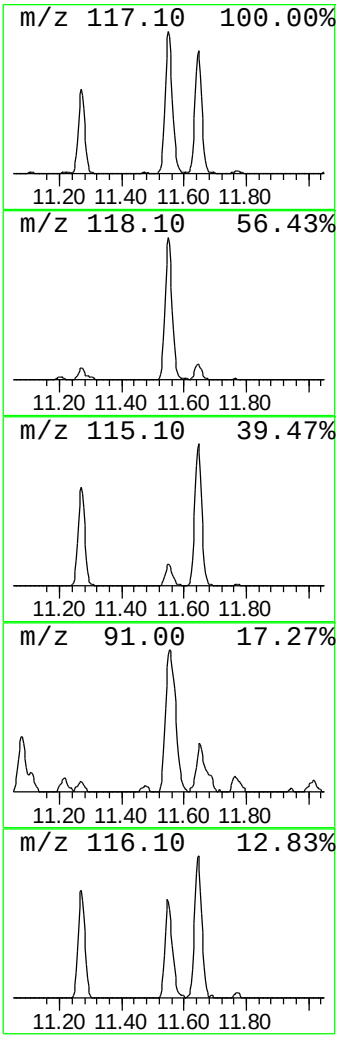
****

Peak Number 5 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	5.46 ug/L	242071	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	78
3	Indane	118	C9H10	000496-11-7	76
4	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
5	Indane	118	C9H10	000496-11-7	70





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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

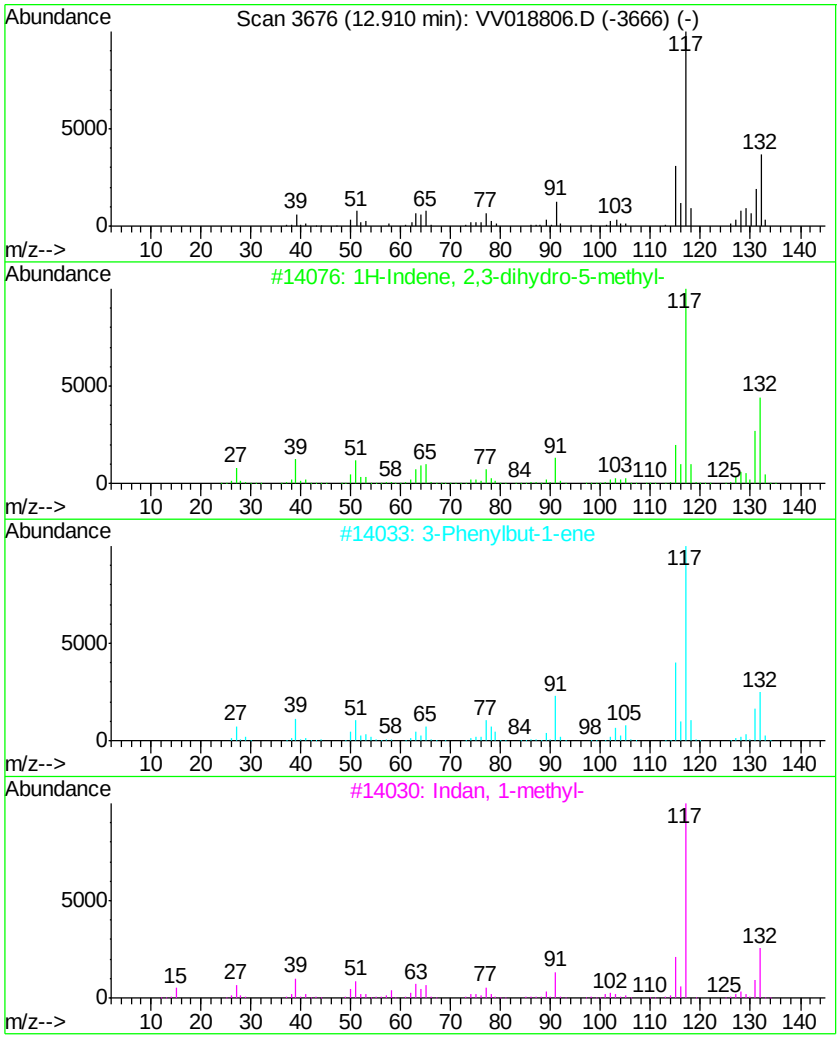
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

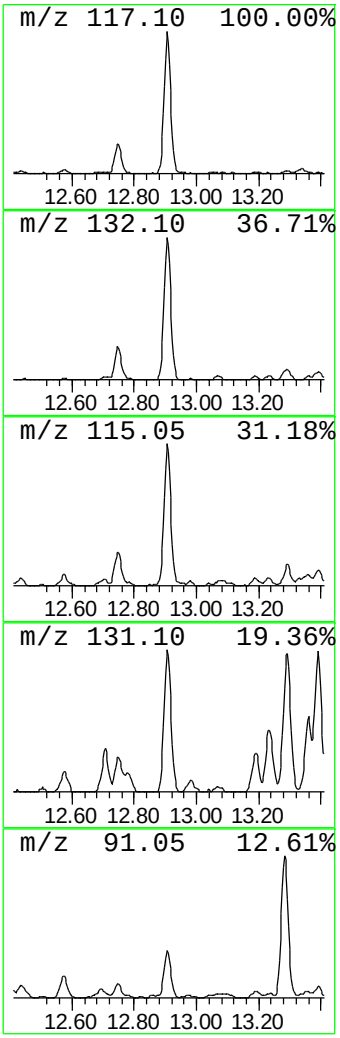
****

Peak Number 6 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	4.01 ug/L	177535	1,4-Dichlorobenzene-d4	11.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81





Tentatively Identified Compound (LSC) summary

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Data File : VV018806.D
Acq On : 09 Oct 2020 10:07
Operator : SY/MD
Sample : L4239-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3S1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	2.51	3.0	ug/L	41875	1	5.64	697351	50.0
(DEL) Alkane: Str...	2.78	15.3	ug/L	212908	1	5.64	697351	50.0
(DEL) Alkane: Str...	3.56	5.1	ug/L	70690	1	5.64	697351	50.0
Indane	11.55	5.5	ug/L	242071	3	11.27	2215770	50.0
1H-Indene, 2,3-di...	12.91	4.0	ug/L	177535	3	11.27	2215770	50.0