LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020019.D
Acq On : 15 Jan 2021 12:37
Operator : SY/MD
Sample : M1147-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4T9

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\SOMVLM011121WMA.M
Title : VOC Analysis

Signal : TIC: VV020019.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.309	61	68	80	rVB	222081	229418	3.82%	0.980%
2	1.569	142	149	163	rVB	215406	238527	3.97%	1.019%
3	2.109	307	317	333	rBV	409723	616305	10.26%	2.632%
4	2.460	424	426	427	rBV	823	383	0.01%	0.002%
5	2.534	428	449	470	rVV	477225	924762	15.39%	3.949%
6	2.765	505	521	542	rBV	776860	1541533	25.66%	6.582%
7	3.045	592	608	637	rBV	3066283	6008567	100.00%	25.656%
8	3.505	749	751	753	rBV2	373	189	0.00%	0.001%
9	3.769	813	833	859	rBV	1194364	2981068	49.61%	12.729%
10	3.888	860	870	895	rBV2	110481	295536	4.92%	1.262%
11	4.354	997	1015	1045	rBV	257419	637192	10.60%	2.721%
12	4.621	1095	1098	1100	rBV3	1062	652	0.01%	0.003%
13	4.868	1168	1175	1178	rBV5	759	840	0.01%	0.004%
14	4.929	1192	1194	1196	rBV	540	243	0.00%	0.001%
15	4.955	1199	1202	1206	rBV3	952	667	0.01%	0.003%
16	4.971	1206	1207	1211	rVB3	377	224	0.00%	0.001%
17	5.051	1211	1232	1256	rBV2	589602	1529387	25.45%	6.530%
18	5.367	1328	1330	1334	rVB3	884	539	0.01%	0.002%
19	5.389	1334	1337	1338	rBV3	988	593	0.01%	0.003%
20	5.508	1372	1374	1381	rVB5	1098	839	0.01%	0.004%
21	5.537	1381	1383	1384	rBV2	768	335	0.01%	0.001%
22	5.621	1397	1409	1441	rBV	460166	931309	15.50%	3.977%
23	5.910	1489	1499	1520	rVB3	38988	82570	1.37%	0.353%
24	5.984	1520	1522	1523	rBV2	762	307	0.01%	0.001%
25	6.074	1537	1550	1579	rBV	347465	702704	11.70%	3.001%
26	6.305	1620	1622	1627	rBV4	468	306	0.01%	0.001%
27	6.402	1650	1652	1654	rVB2	630	276	0.00%	0.001%
28	6.421	1654	1658	1662	rBV6	639	531	0.01%	0.002%
29	6.444	1662	1665	1666	rBV3	675	317	0.01%	0.001%
30	6.479	1675	1676	1679	rVB2	870	358	0.01%	0.002%
31	6.505	1679	1684	1689	rBV5	789	867	0.01%	0.004%
32	6.550	1695	1698	1700	rBV2	789	542	0.01%	0.002%
33	6.614	1715	1718	1720	rVB	260	134	0.00%	0.001%
34	6.646	1720	1728	1729	rBV6	1253	1450	0.02%	0.006%
35	6.778	1767	1769	1771	rVB	795	297	0.00%	0.001%
36	6.791	1771	1773	1775	rBV2	403	250	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020019.D
Acq On : 15 Jan 2021 12:37
Operator : SY/MD
Sample : M1147-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4T9

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\SOMVLM011121WMA.M
Title : VOC Analysis

37	6.852	1790	1792	1796	rVB3	808	609	0.01%	0.003%
38	6.871	1796	1798	1801	rBV3	267	165	0.00%	0.001%
39	6.887	1801	1803	1805	rBV2	374	225	0.00%	0.001%
40	6.939	1816	1819	1821	rBV3	638	288	0.00%	0.001%
41	6.990	1824	1835	1865	rVV	184503	341585	5.68%	1.459%
42	7.321	1926	1938	1971	rBV	682543	1181845	19.67%	5.046%
43	7.627	2022	2033	2056	rBV	131774	230567	3.84%	0.985%
44	7.801	2085	2087	2090	rVB3	1142	490	0.01%	0.002%
45	7.817	2090	2092	2095	rBV4	557	389	0.01%	0.002%
46	7.852	2101	2103	2104	rBV	650	200	0.00%	0.001%
47	7.923	2122	2125	2126	rBV3	583	340	0.01%	0.001%
48	8.051	2163	2165	2166	rBV2	682	195	0.00%	0.001%
49	8.093	2168	2178	2216	rVV2	344243	712311	11.85%	3.042%
50	8.547	2317	2319	2320	rBV	568	186	0.00%	0.001%
51	8.588	2328	2332	2335	rBV3	608	543	0.01%	0.002%
52	8.669	2352	2357	2362	rBV6	1121	1329	0.02%	0.006%
53	8.772	2386	2389	2392	rVB3	812	415	0.01%	0.002%
54	8.810	2398	2401	2403	rBV2	709	400	0.01%	0.002%
55	8.858	2403	2416	2439	rBV	726087	1178568	19.61%	5.032%
56	9.241	2530	2535	2537	rBV2	652	554	0.01%	0.002%
57	9.321	2555	2560	2562	rBV4	1078	857	0.01%	0.004%
58	9.434	2591	2595	2598	rBV2	740	600	0.01%	0.003%
59	9.476	2607	2608	2611	rBV	613	262	0.00%	0.001%
60	9.617	2650	2652	2654	rVB2	386	139	0.00%	0.001%
61	9.630	2654	2656	2660	rBV2	371	221	0.00%	0.001%
62	9.723	2682	2685	2687	rBV3	568	383	0.01%	0.002%
63	9.788	2703	2705	2706	rBV2	483	153	0.00%	0.001%
64	9.817	2712	2714	2716	rBV3	486	179	0.00%	0.001%
65	10.022	2774	2778	2779	rBV2	616	340	0.01%	0.001%
66	10.042	2782	2784	2790	rVB2	983	694	0.01%	0.003%
67	10.071	2790	2793	2795	rBV2	887	502	0.01%	0.002%
68	10.132	2809	2812	2816	rBV2	614	569	0.01%	0.002%
69	10.157	2816	2820	2824	rVB4	871	762	0.01%	0.003%
70	10.222	2829	2840	2864	rBV	409762	648380	10.79%	2.769%
71	10.389	2883	2892	2898	rBV10	3351	5001	0.08%	0.021%
72	10.543	2937	2940	2941	rBV2	872	416	0.01%	0.002%
73	10.653	2971	2974	2975	rBV	674	323	0.01%	0.001%
74	10.698	2986	2988	2989	rBV	334	150	0.00%	0.001%
75	10.788	3014	3016	3018	rBV2	801	371	0.01%	0.002%
76	10.955	3066	3068	3069	rBV	375	204	0.00%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020019.D
Acq On : 15 Jan 2021 12:37
Operator : SY/MD
Sample : M1147-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4T9

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\SOMVLM011121WMA.M
Title : VOC Analysis

77	11.038	3092	3094	3096	rVB	414	163	0.00%	0.001%
78	11.103	3112	3114	3116	rBV2	481	164	0.00%	0.001%
79	11.254	3150	3161	3189	rBV	780358	1207866	20.10%	5.158%
80	11.550	3249	3253	3255	rBV3	773	760	0.01%	0.003%
81	11.630	3265	3278	3296	rBV	733267	1158385	19.28%	4.946%
82	11.987	3385	3389	3392	rBV3	651	577	0.01%	0.002%
83	12.003	3392	3394	3396	rBV	442	232	0.00%	0.001%
84	12.087	3418	3420	3425	rVB3	1123	671	0.01%	0.003%
85	12.112	3425	3428	3429	rBV3	558	293	0.00%	0.001%
86	12.434	3524	3528	3532	rBV4	977	807	0.01%	0.003%
87	12.537	3555	3560	3562	rBV2	918	647	0.01%	0.003%
88	12.627	3585	3588	3590	rBV2	505	278	0.00%	0.001%
89	12.662	3595	3599	3603	rBV4	1418	1183	0.02%	0.005%
90	12.804	3640	3643	3648	rBV4	616	695	0.01%	0.003%
91	12.890	3668	3670	3672	rBV2	577	231	0.00%	0.001%
92	12.951	3686	3689	3690	rBV	531	299	0.00%	0.001%
93	13.038	3714	3716	3719	rBV2	463	261	0.00%	0.001%
94	13.115	3737	3740	3744	rBV2	857	742	0.01%	0.003%
95	13.305	3796	3799	3800	rBV	607	306	0.01%	0.001%
96	13.363	3814	3817	3824	rVB4	1005	1243	0.02%	0.005%
97	13.398	3824	3828	3830	rBV2	769	592	0.01%	0.003%
98	13.607	3891	3893	3896	rBV	788	339	0.01%	0.001%
99	13.665	3909	3911	3914	rBV3	721	453	0.01%	0.002%
100	14.109	4045	4049	4050	rBV2	717	404	0.01%	0.002%

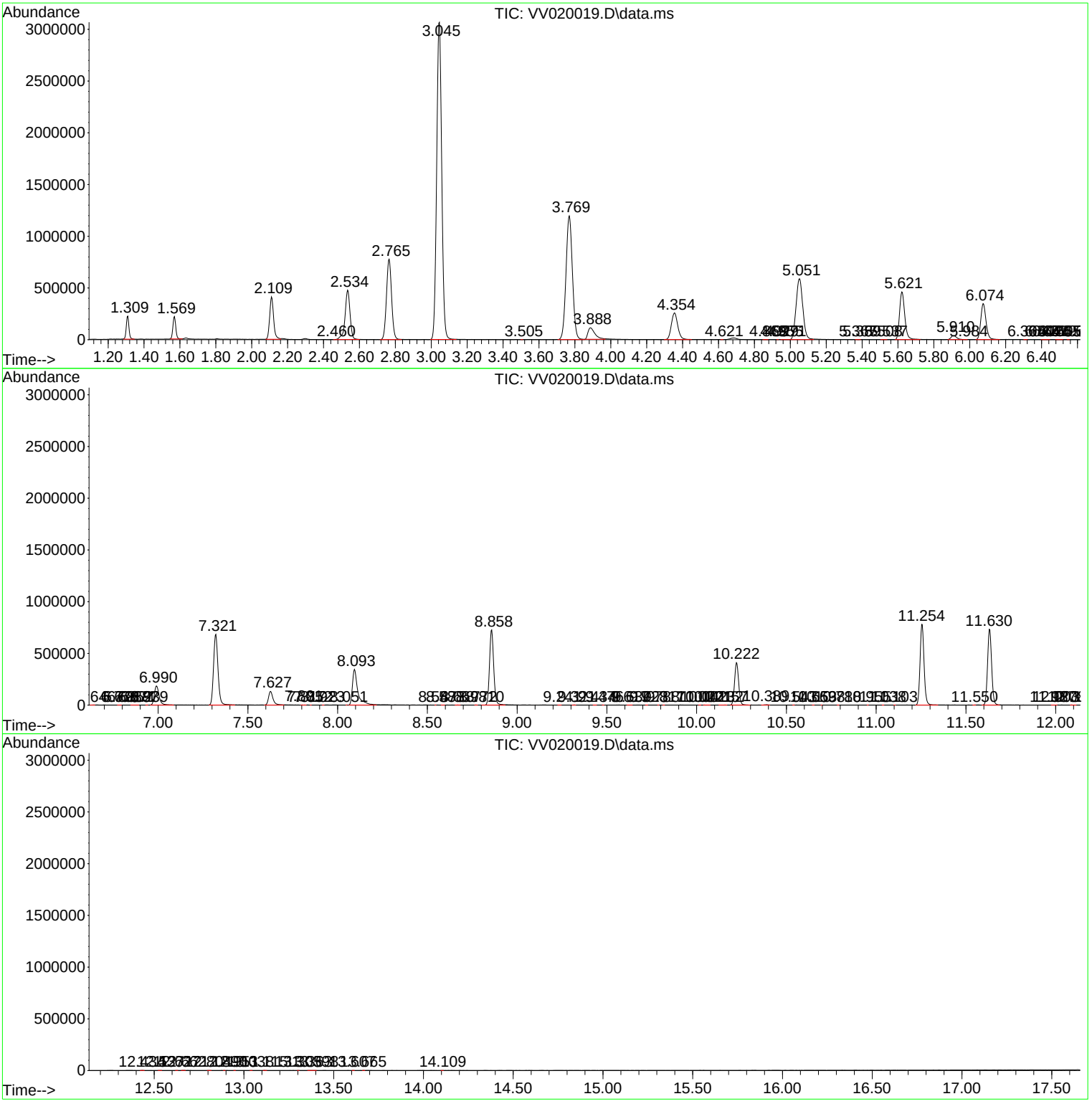
Sum of corrected areas: 23419318

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020019.D
Acq On : 15 Jan 2021 12:37
Operator : SY/MD
Sample : M1147-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4T9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020019.D
Acq On : 15 Jan 2021 12:37
Operator : SY/MD
Sample : M1147-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4T9

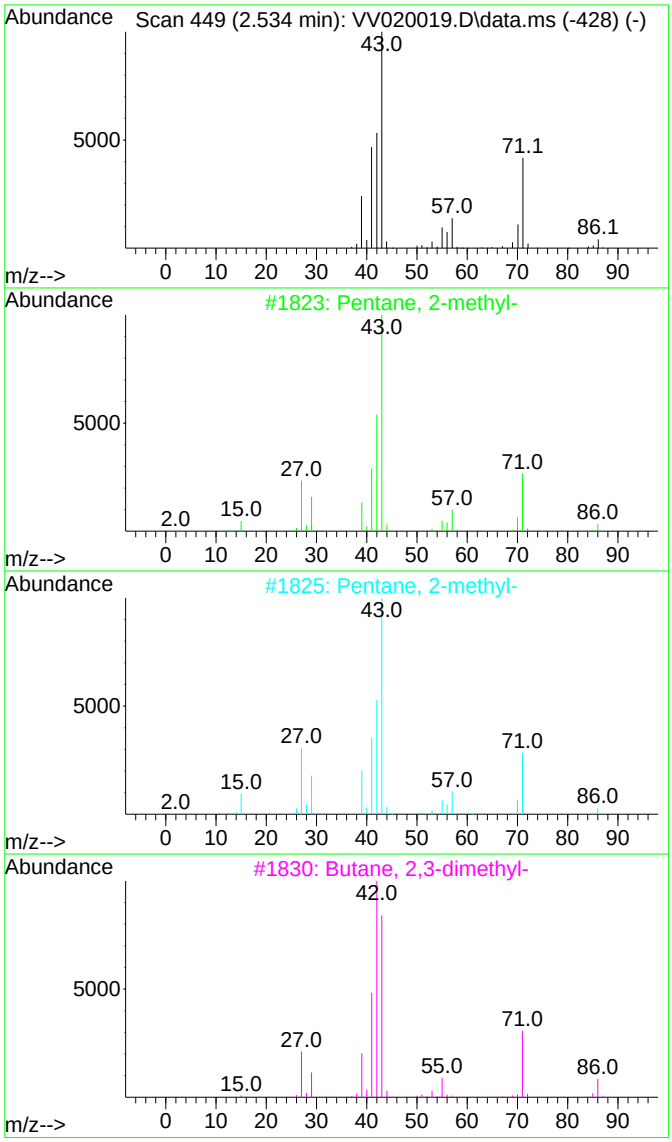
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

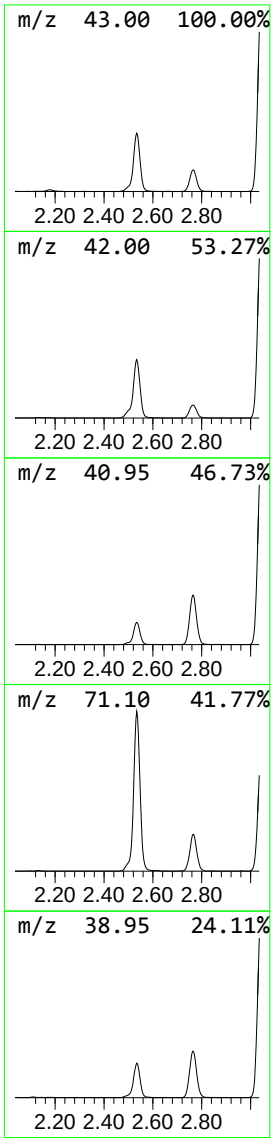
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.534	49.65 ug/L	924762	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	74
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
5	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020019.D
Acq On : 15 Jan 2021 12:37
Operator : SY/MD
Sample : M1147-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4T9

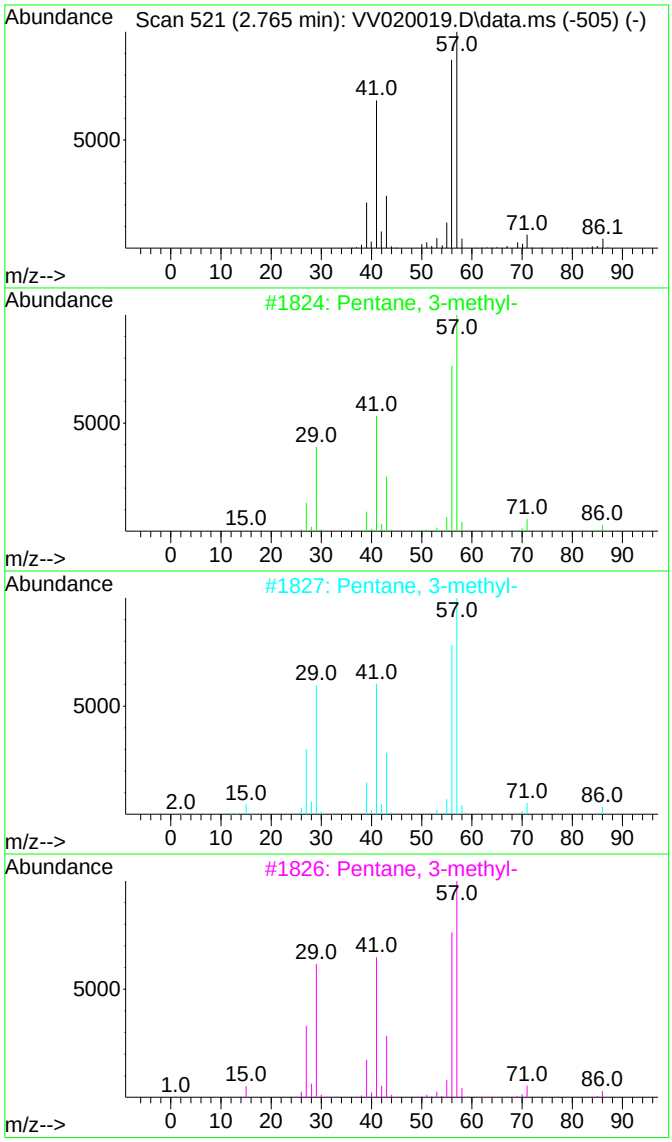
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

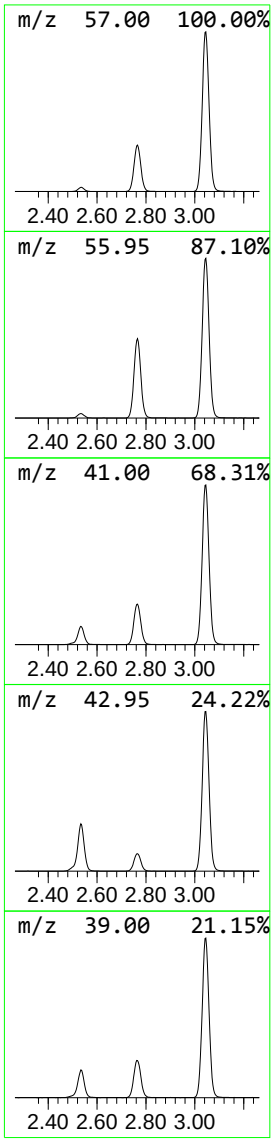
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.765	82.76 ug/L	1541530	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
5	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020019.D
Acq On : 15 Jan 2021 12:37
Operator : SY/MD
Sample : M1147-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4T9

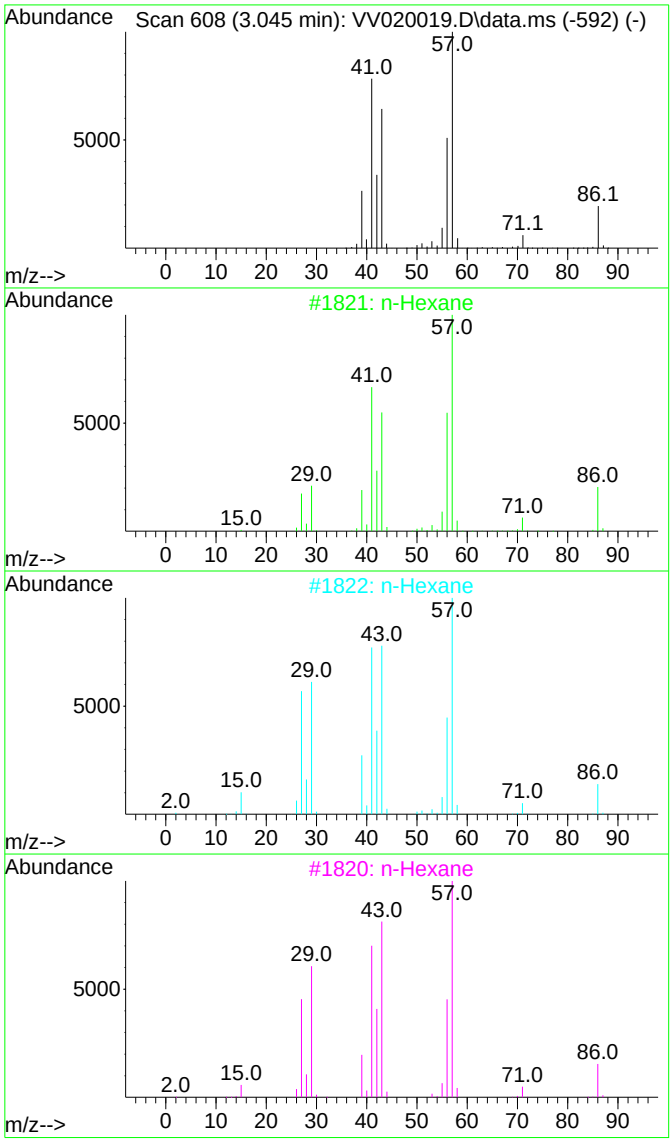
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

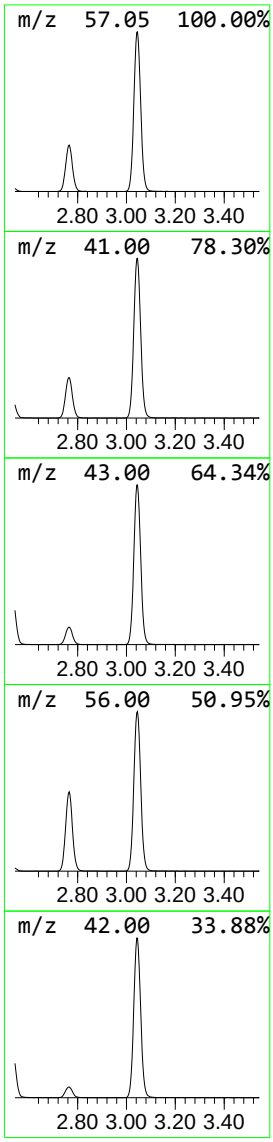
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.045	322.59 ug/L	6008570	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	94
2	n-Hexane	86	C6H14	000110-54-3	64
3	n-Hexane	86	C6H14	000110-54-3	59
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	38
5	Pentane, 3-methyl-	86	C6H14	000096-14-0	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020019.D
Acq On : 15 Jan 2021 12:37
Operator : SY/MD
Sample : M1147-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4T9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

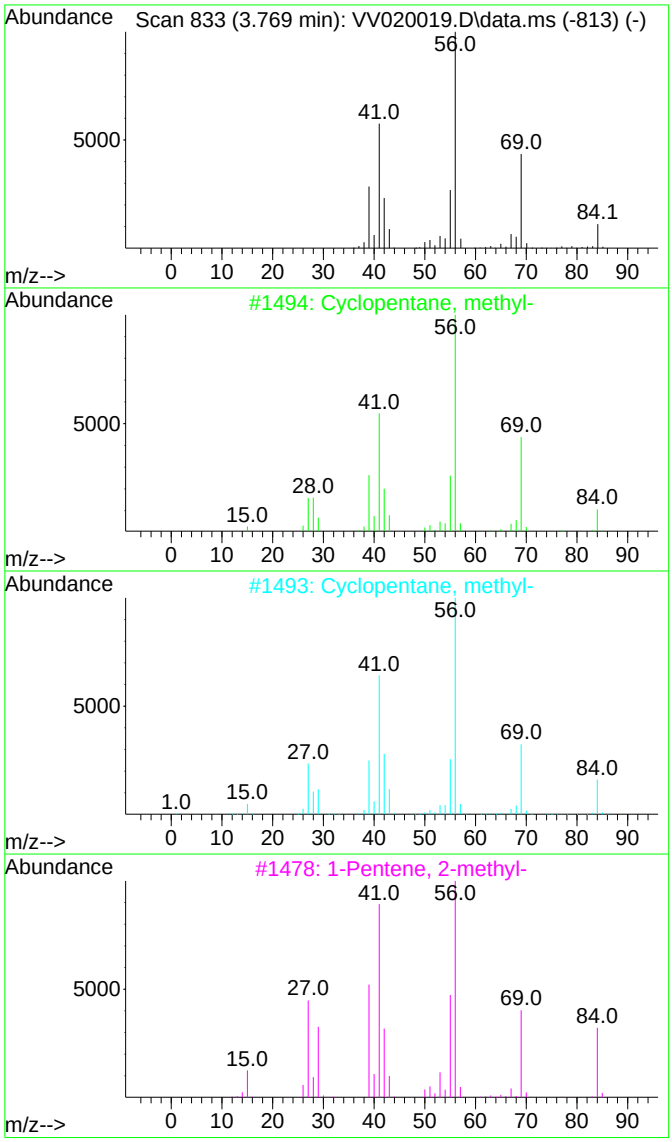
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

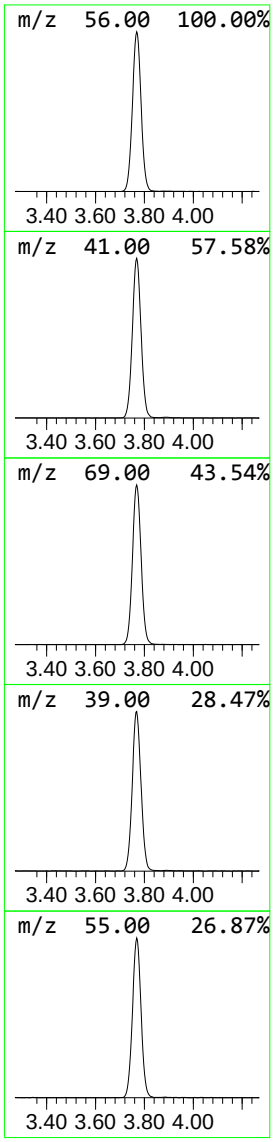
****

Peak Number 4 (DEL) Alkane: Cyclic3.769 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.769	160.05 ug/L	2981070	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
5	Cyclohexane	84	C6H12	000110-82-7	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020019.D
Acq On : 15 Jan 2021 12:37
Operator : SY/MD
Sample : M1147-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4T9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.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: S...	2.534	49.6	ug/L	924762	1	5.621	931309	50.0
(DEL) Alkane: S...	2.765	82.8	ug/L	1541530	1	5.621	931309	50.0
(DEL) Alkane: S...	3.045	322.6	ug/L	6008570	1	5.621	931309	50.0
(DEL) Alkane: C...	3.769	160.1	ug/L	2981070	1	5.621	931309	50.0