LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020001.D
Acq On : 14 Jan 2021 14:59
Operator : SY/MD
Sample : M1147-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y1

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: VV020001.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.109	3	6	15	rVB	26305	22585	1.48%	0.148%
2	1.180	24	28	32	rBV3	6727	5413	0.35%	0.035%
3	1.309	60	68	79	rVB	250704	252005	16.51%	1.652%
4	1.569	141	149	161	rBV	206318	230845	15.12%	1.513%
5	2.109	306	317	336	rBV	415033	626672	41.05%	4.107%
6	2.293	368	374	377	rBV4	898	1061	0.07%	0.007%
7	2.534	429	449	466	rVV	98387	193958	12.70%	1.271%
8	2.765	505	521	537	rBV	191873	387116	25.36%	2.537%
9	3.045	591	608	633	rBV	598099	1191168	78.02%	7.807%
10	3.666	793	801	802	rBV5	1427	1467	0.10%	0.010%
11	3.769	812	833	859	rBV	444584	1125373	73.71%	7.376%
12	3.891	859	871	905	rBV	114198	329675	21.59%	2.161%
13	4.354	997	1015	1041	rBV	254802	629360	41.22%	4.125%
14	4.521	1065	1067	1073	rVB3	1069	1014	0.07%	0.007%
15	4.685	1102	1118	1131	rBV6	9750	25061	1.64%	0.164%
16	4.769	1134	1144	1161	rVB9	6605	18511	1.21%	0.121%
17	4.916	1180	1190	1193	rBV5	3575	6169	0.40%	0.040%
18	5.051	1214	1232	1260	rVV2	589231	1526691	100.00%	10.006%
19	5.621	1396	1409	1436	rBV	393908	788676	51.66%	5.169%
20	5.910	1487	1499	1517	rBV2	25754	55426	3.63%	0.363%
21	5.990	1517	1524	1525	rBV5	1066	1098	0.07%	0.007%
22	6.074	1536	1550	1577	rBV	344742	700197	45.86%	4.589%
23	6.260	1601	1608	1620	rVB8	6622	11304	0.74%	0.074%
24	6.460	1659	1670	1671	rBV4	4448	5594	0.37%	0.037%
25	6.659	1717	1732	1749	rVB2	27981	61144	4.01%	0.401%
26	6.781	1755	1770	1782	rBV2	36242	73797	4.83%	0.484%
27	6.842	1783	1789	1800	rVB4	6157	10061	0.66%	0.066%
28	6.990	1824	1835	1858	rBV	183878	334127	21.89%	2.190%
29	7.270	1910	1922	1927	rBV5	16037	29506	1.93%	0.193%
30	7.321	1927	1938	1956	rVB	674886	1156751	75.77%	7.582%
31	7.627	2021	2033	2059	rBV2	126441	237732	15.57%	1.558%
32	7.881	2106	2112	2117	rBV8	2325	3477	0.23%	0.023%
33	7.981	2137	2143	2153	rVB9	4889	7424	0.49%	0.049%
34	8.093	2167	2178	2209	rBV2	374401	738813	48.39%	4.842%
35	8.511	2301	2308	2314	rVB8	2338	3925	0.26%	0.026%
36	8.794	2387	2396	2404	rBV6	5094	9602	0.63%	0.063%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
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Acq On : 14 Jan 2021 14:59
Operator : SY/MD
Sample : M1147-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y1

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	8.858	2404	2416	2441	rBV	606101	996404	65.27%	6.531%
38	9.074	2479	2483	2484	rBV4	1523	1182	0.08%	0.008%
39	9.109	2488	2494	2495	rBV5	2855	2951	0.19%	0.019%
40	9.209	2520	2525	2526	rBV5	2474	2047	0.13%	0.013%
41	9.321	2554	2560	2562	rBV5	2896	2525	0.17%	0.017%
42	9.389	2572	2581	2583	rBV7	1227	1374	0.09%	0.009%
43	9.476	2599	2608	2609	rBV7	7605	8166	0.53%	0.054%
44	9.569	2633	2637	2639	rBV4	1641	1169	0.08%	0.008%
45	9.624	2648	2654	2655	rBV4	1210	1411	0.09%	0.009%
46	9.685	2666	2673	2675	rBV5	3320	3892	0.25%	0.026%
47	9.810	2705	2712	2727	rVB5	5842	12385	0.81%	0.081%
48	9.984	2759	2766	2772	rBV10	1715	2575	0.17%	0.017%
49	10.016	2772	2776	2782	rBV7	1709	2173	0.14%	0.014%
50	10.135	2805	2813	2824	rVB6	10033	17617	1.15%	0.115%
51	10.222	2827	2840	2857	rBV	436788	691642	45.30%	4.533%
52	10.456	2908	2913	2914	rBV5	1571	1415	0.09%	0.009%
53	10.517	2928	2932	2940	rVB7	2166	2188	0.14%	0.014%
54	10.739	2994	3001	3006	rBV7	5461	7639	0.50%	0.050%
55	10.890	3042	3048	3054	rBV9	1424	2001	0.13%	0.013%
56	11.054	3094	3099	3100	rBV5	2649	2001	0.13%	0.013%
57	11.161	3125	3132	3139	rBV9	4144	5660	0.37%	0.037%
58	11.202	3139	3145	3151	rVV4	5796	6906	0.45%	0.045%
59	11.257	3151	3162	3181	rVV	667191	1029107	67.41%	6.745%
60	11.386	3198	3202	3207	rBV6	1689	1845	0.12%	0.012%
61	11.466	3222	3227	3228	rBV5	2003	1706	0.11%	0.011%
62	11.556	3244	3255	3257	rBV2	22048	27154	1.78%	0.178%
63	11.630	3268	3278	3297	rVB	757842	1215780	79.63%	7.968%
64	11.752	3311	3316	3323	rVB8	4354	5047	0.33%	0.033%
65	11.826	3326	3339	3349	rVB5	17313	30238	1.98%	0.198%
66	11.923	3360	3369	3374	rBV6	7995	12581	0.82%	0.082%
67	12.025	3395	3401	3408	rBV2	9606	14835	0.97%	0.097%
68	12.128	3424	3433	3437	rBV7	14349	21586	1.41%	0.141%
69	12.247	3462	3470	3484	rBV10	10745	25293	1.66%	0.166%
70	12.308	3484	3489	3491	rBV6	2451	2727	0.18%	0.018%
71	12.353	3498	3503	3507	rBV7	3404	4429	0.29%	0.029%
72	12.389	3509	3514	3519	rVV7	6519	8551	0.56%	0.056%
73	12.476	3536	3541	3550	rVB8	5425	7508	0.49%	0.049%
74	12.559	3556	3567	3574	rBV2	30805	47318	3.10%	0.310%
75	12.685	3596	3606	3613	rBV7	16360	32736	2.14%	0.215%
76	12.736	3616	3622	3636	rVB3	29447	44765	2.93%	0.293%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020001.D
Acq On : 14 Jan 2021 14:59
Operator : SY/MD
Sample : M1147-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y1

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	12.804	3637	3643	3649	rBV5	5759	8170	0.54%	0.054%
78	12.961	3685	3692	3701	rVB2	13145	21368	1.40%	0.140%
79	13.013	3701	3708	3716	rBV5	6397	9690	0.63%	0.064%
80	13.177	3752	3759	3764	rBV8	4269	6410	0.42%	0.042%
81	13.228	3767	3775	3782	rVB6	5862	9634	0.63%	0.063%
82	13.276	3782	3790	3798	rBV6	11949	18108	1.19%	0.119%
83	13.318	3798	3803	3806	rBV6	5751	6494	0.43%	0.043%
84	13.376	3818	3821	3829	rVB2	10455	11883	0.78%	0.078%
85	13.408	3829	3831	3833	rBV4	1504	993	0.07%	0.007%
86	13.476	3844	3852	3861	rBV4	7922	15020	0.98%	0.098%
87	13.550	3873	3875	3883	rBV9	1873	1738	0.11%	0.011%
88	13.614	3888	3895	3904	rBV10	4880	9197	0.60%	0.060%
89	13.720	3922	3928	3935	rBV9	3837	5941	0.39%	0.039%
90	13.974	4003	4007	4013	rBV6	1396	1643	0.11%	0.011%
91	14.016	4018	4020	4023	rBV3	2105	1397	0.09%	0.009%
92	14.099	4040	4046	4059	rVB3	5043	8542	0.56%	0.056%
93	14.196	4074	4076	4084	rVB9	2422	2202	0.14%	0.014%
94	14.292	4102	4106	4108	rBV5	938	876	0.06%	0.006%
95	14.726	4234	4241	4245	rVB6	1379	1607	0.11%	0.011%
96	14.768	4252	4254	4259	rVB5	1244	1011	0.07%	0.007%
97	14.984	4319	4321	4326	rVB5	1228	990	0.06%	0.006%
98	15.093	4351	4355	4360	rBV5	1015	1092	0.07%	0.007%
99	15.742	4555	4557	4562	rVB4	1176	896	0.06%	0.006%
100	15.813	4574	4579	4582	rBV5	1324	1232	0.08%	0.008%

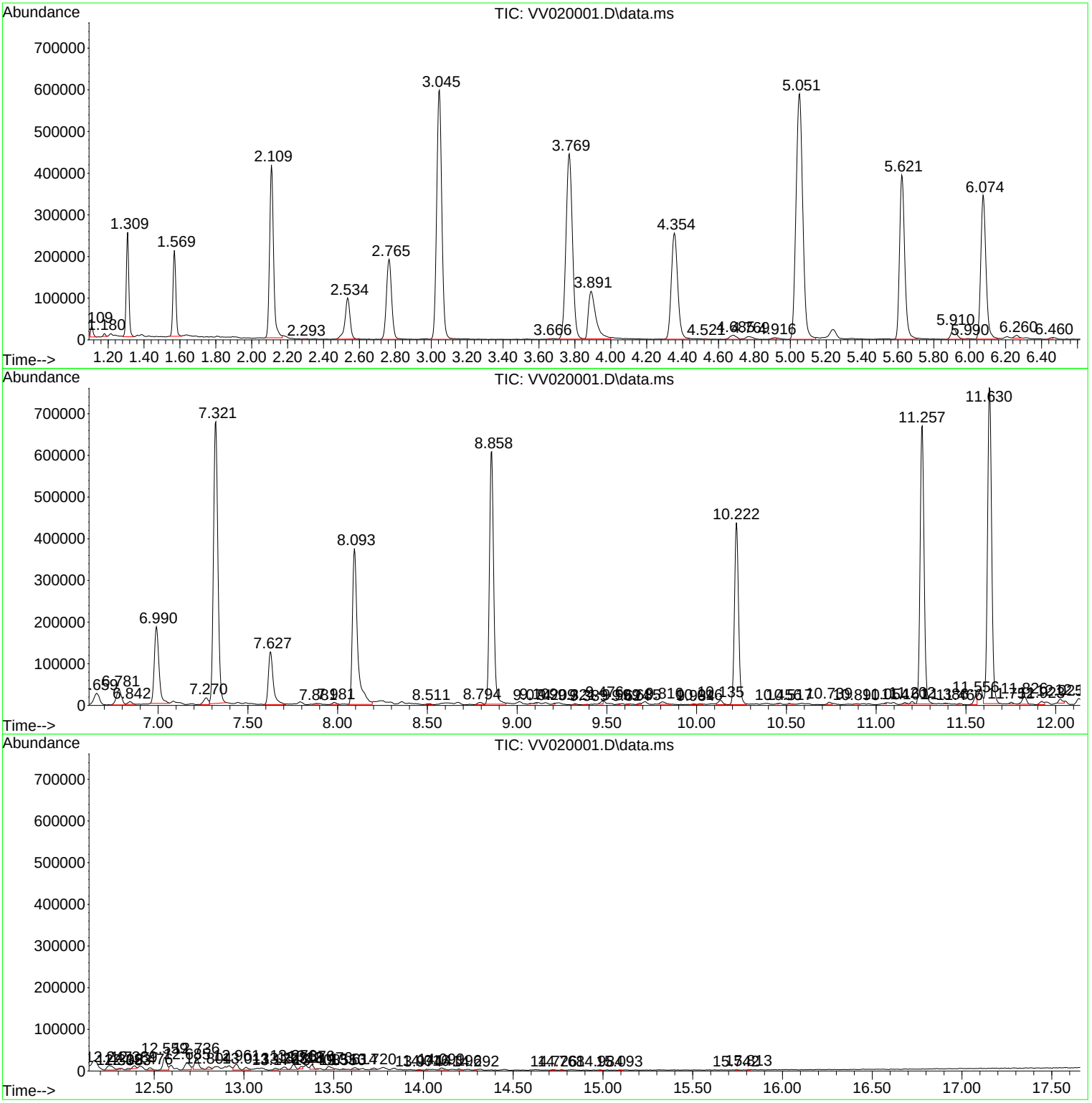
Sum of corrected areas: 15257461

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020001.D
Acq On : 14 Jan 2021 14:59
Operator : SY/MD
Sample : M1147-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y1

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\VV011421\
Data File : VV020001.D
Acq On : 14 Jan 2021 14:59
Operator : SY/MD
Sample : M1147-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y1

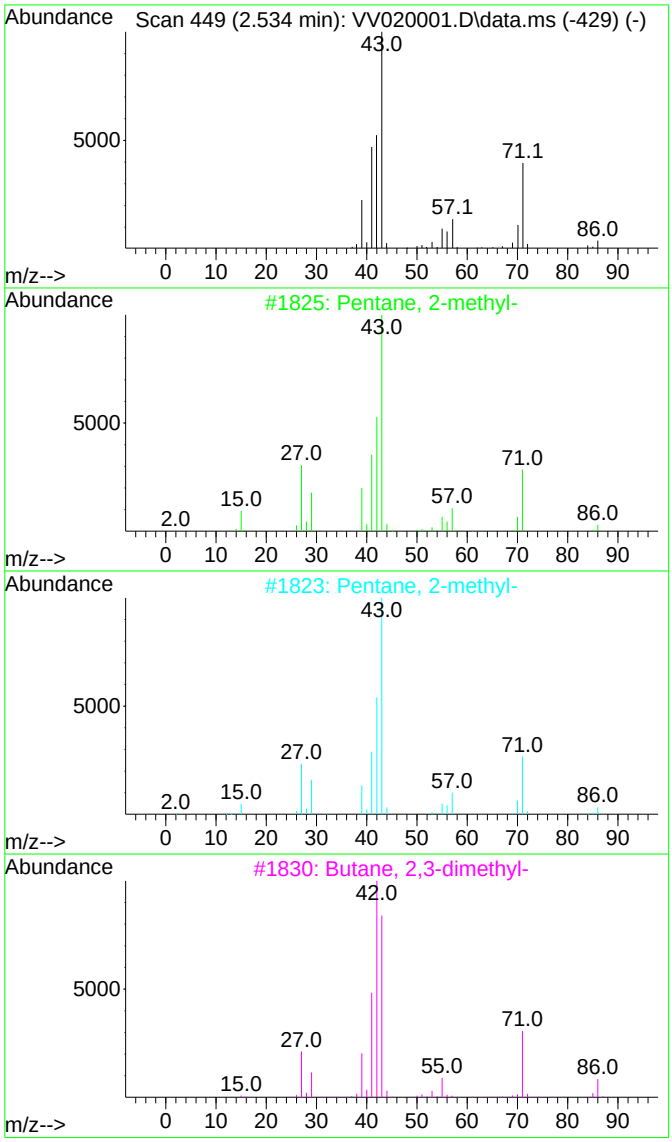
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

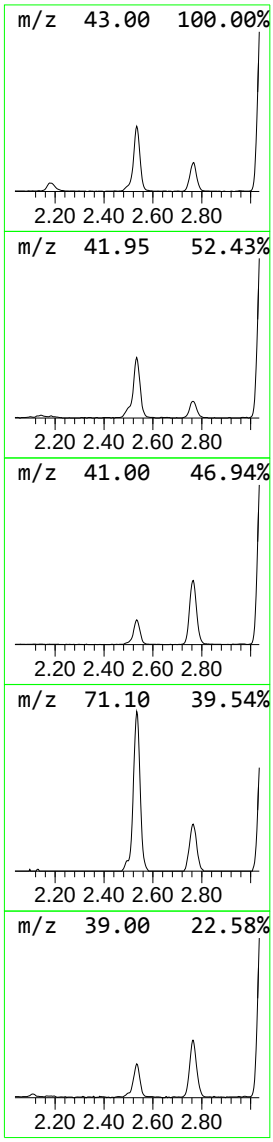
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.534	12.30 ug/L	193958	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	87
3	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	47
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020001.D
Acq On : 14 Jan 2021 14:59
Operator : SY/MD
Sample : M1147-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y1

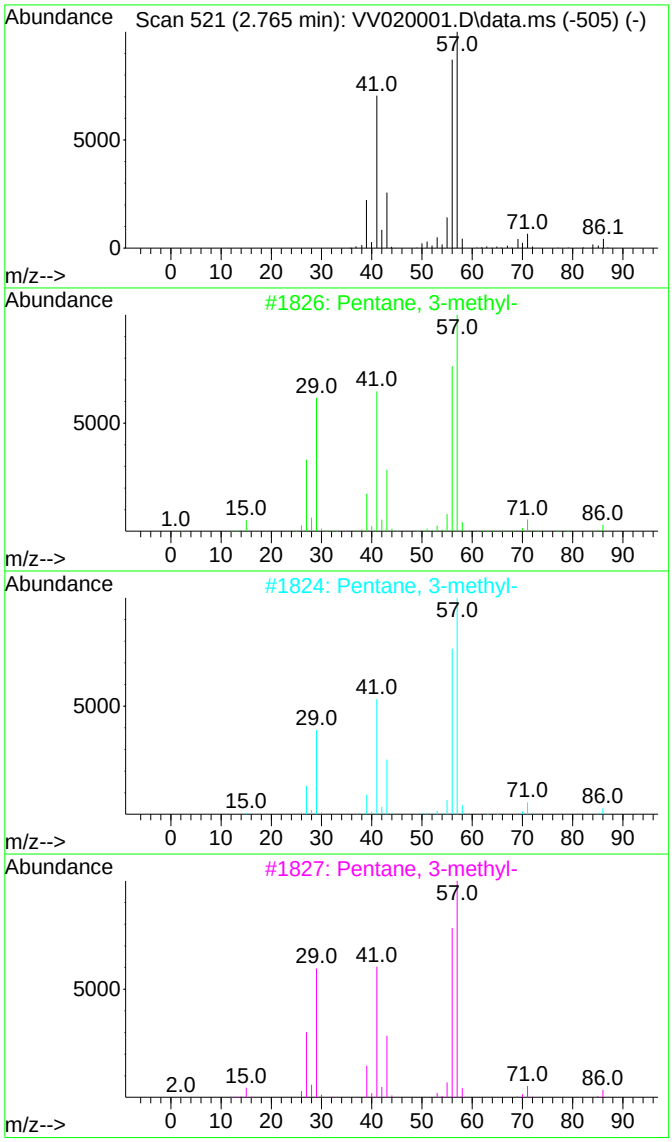
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

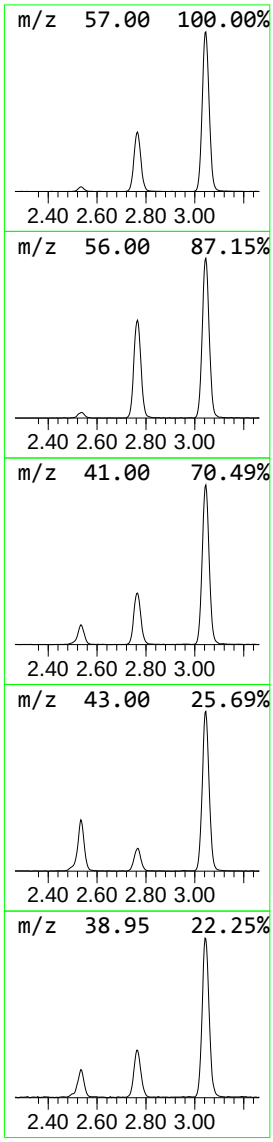
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.765	24.54 ug/L	387116	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	74
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020001.D
Acq On : 14 Jan 2021 14:59
Operator : SY/MD
Sample : M1147-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y1

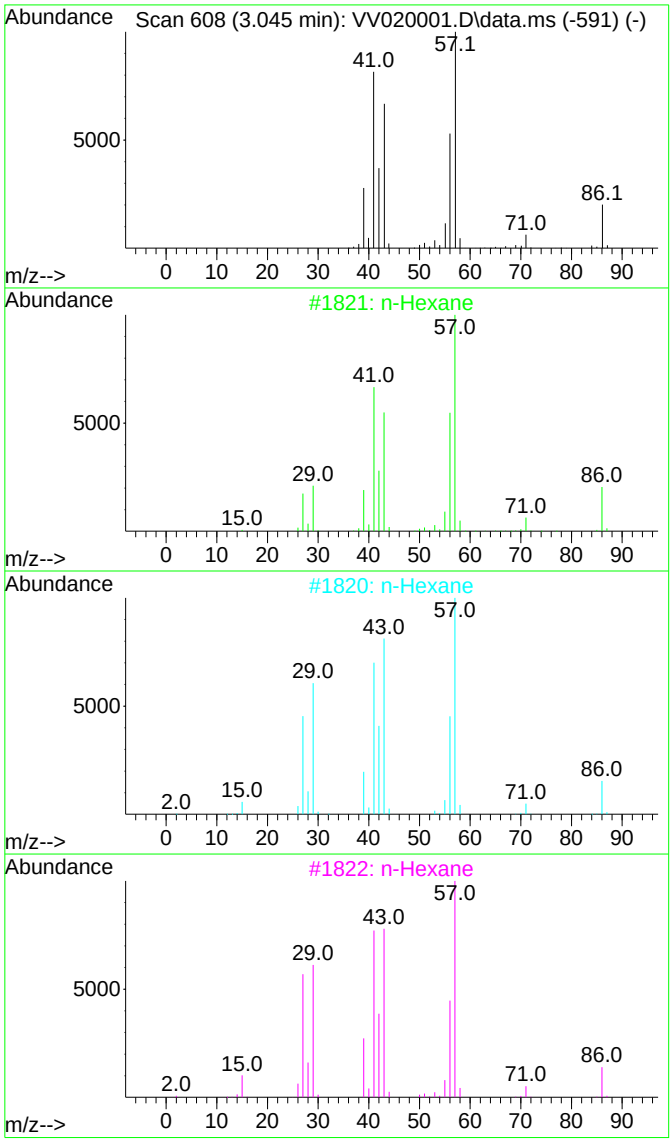
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

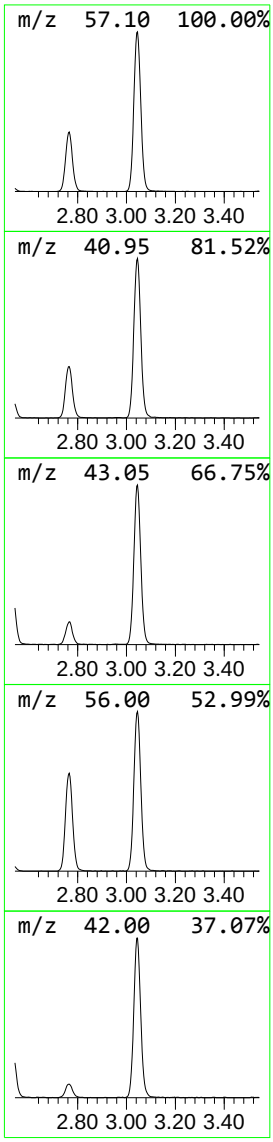
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.045	75.52 ug/L	1191170	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	43
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020001.D
Acq On : 14 Jan 2021 14:59
Operator : SY/MD
Sample : M1147-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y1

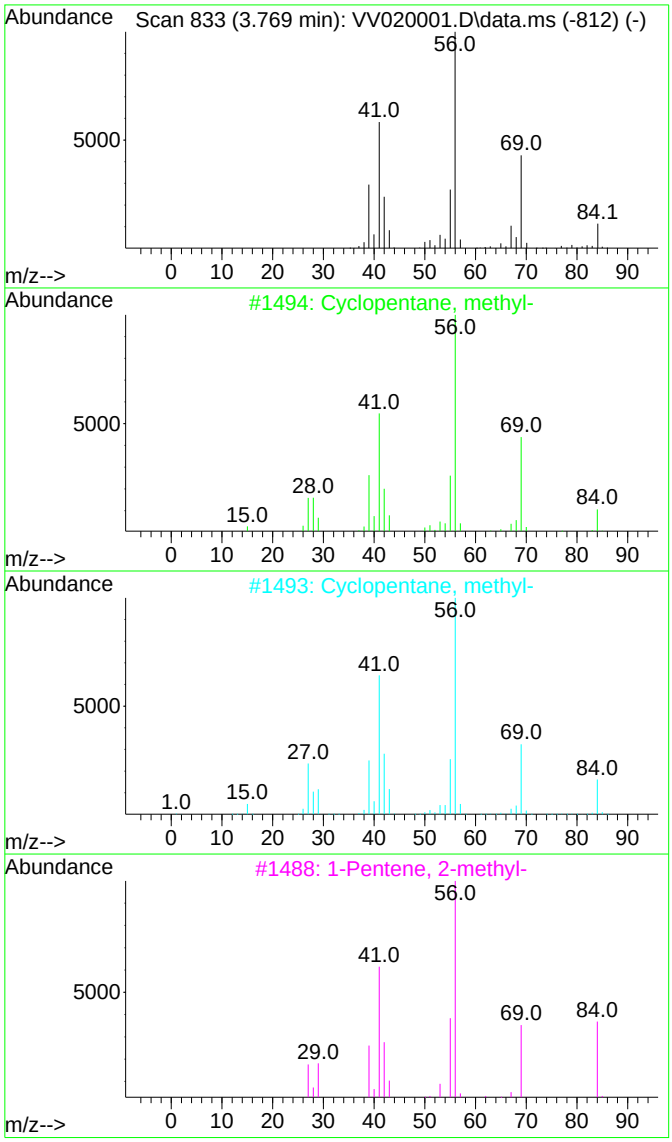
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

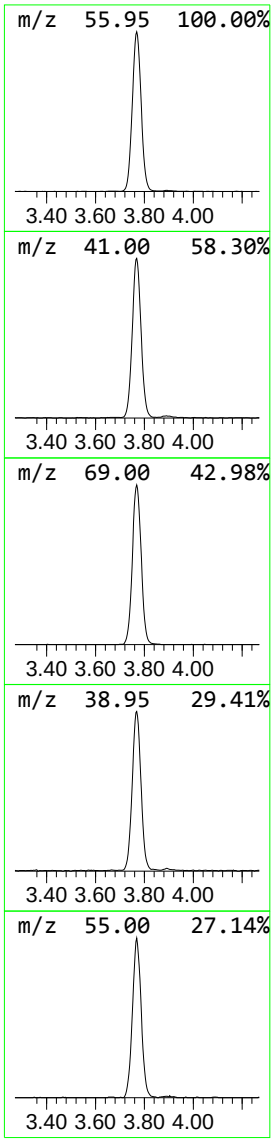
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.769	71.35 ug/L	1125370	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	86
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
4	Cyclohexane	84	C6H12	000110-82-7	78
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020001.D
Acq On : 14 Jan 2021 14:59
Operator : SY/MD
Sample : M1147-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y1

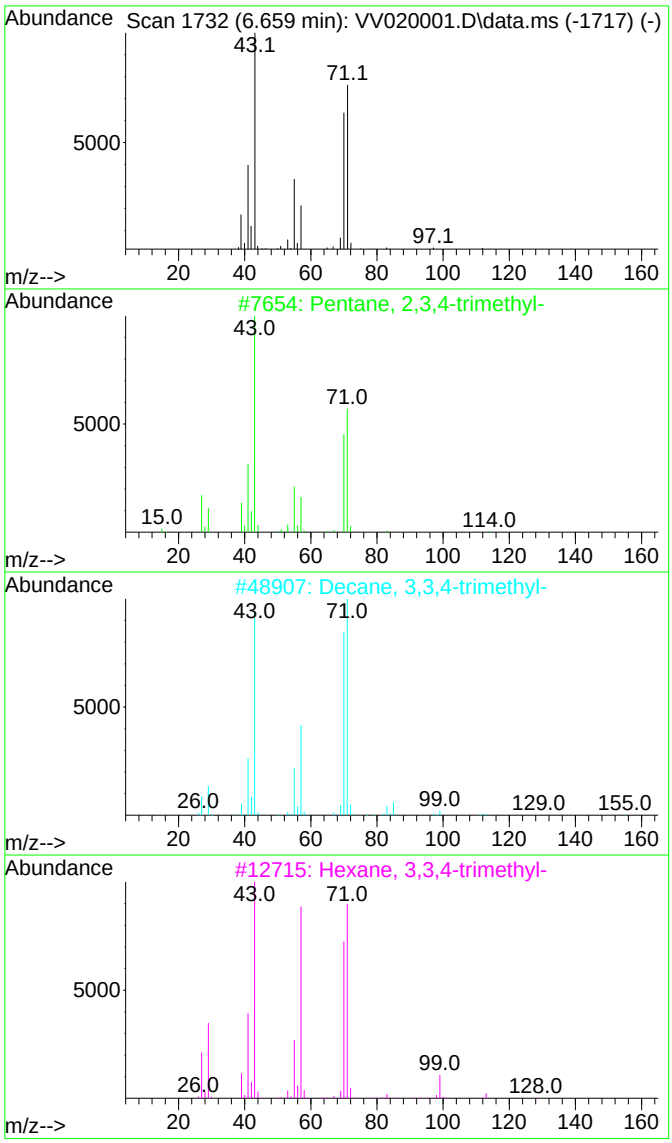
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

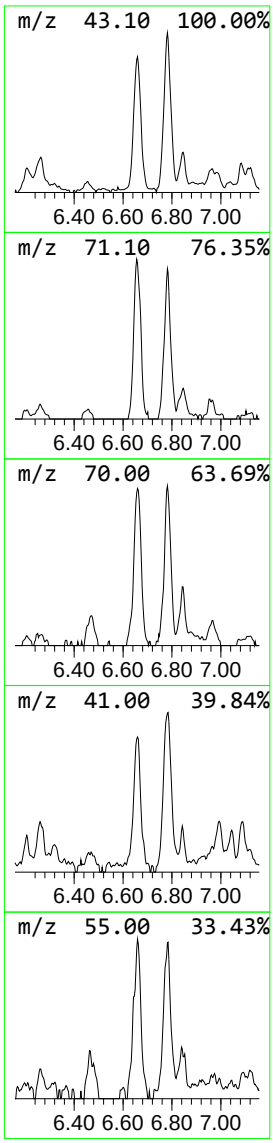
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.659	3.88 ug/L	61144	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2	Decane, 3,3,4-trimethyl-	184	C13H28	049622-18-6	83
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	78
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	78
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020001.D
Acq On : 14 Jan 2021 14:59
Operator : SY/MD
Sample : M1147-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y1

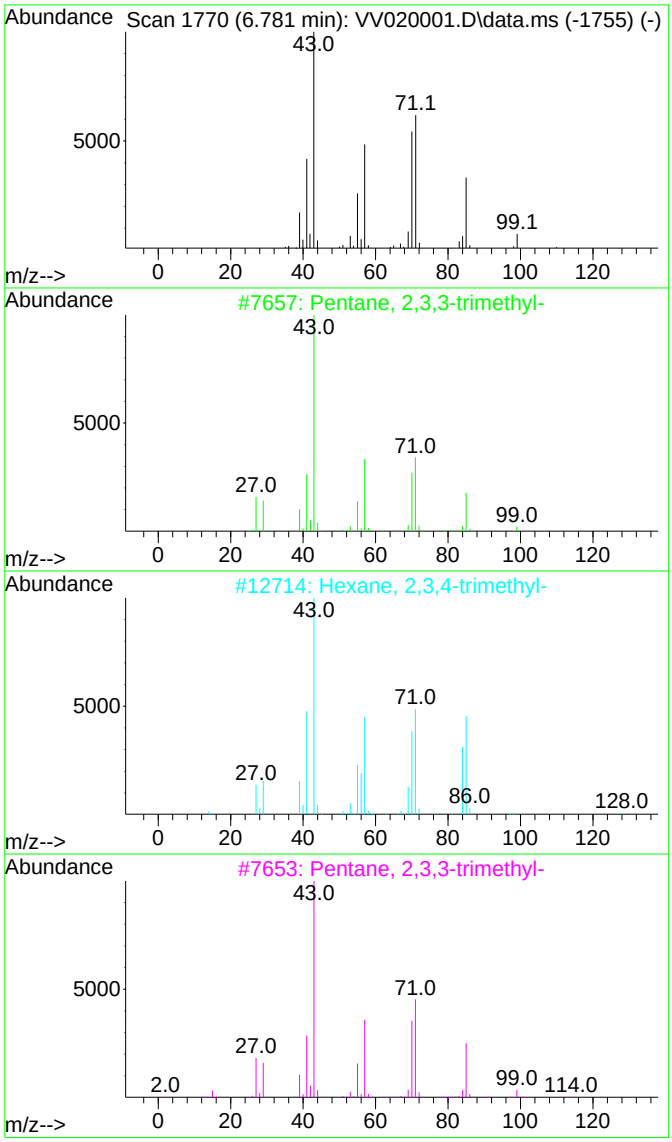
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

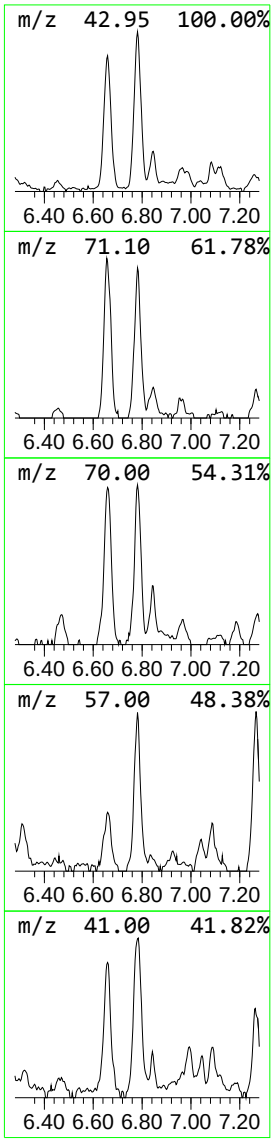
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.781	4.68 ug/L	73797	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	83
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	72
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	64
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020001.D
Acq On : 14 Jan 2021 14:59
Operator : SY/MD
Sample : M1147-04
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y1

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	12.3	ug/L	193958	1	5.621	788676	50.0
(DEL) Alkane: S...	2.765	24.5	ug/L	387116	1	5.621	788676	50.0
(DEL) Alkane: S...	3.045	75.5	ug/L	1191170	1	5.621	788676	50.0
(DEL) Alkane: C...	3.769	71.3	ug/L	1125370	1	5.621	788676	50.0
(DEL) Alkane: S...	6.659	3.9	ug/L	61144	1	5.621	788676	50.0
(DEL) Alkane: S...	6.781	4.7	ug/L	73797	1	5.621	788676	50.0