LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020000.D
Acq On : 14 Jan 2021 14:36
Operator : SY/MD
Sample : M1147-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4X6

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: VV020000.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.110	3	6	15	rVB	57430	48128	3.00%	0.362%
2	1.219	35	40	45	rBV3	10560	10006	0.62%	0.075%
3	1.309	59	68	82	rVB	281042	295562	18.42%	2.220%
4	1.386	87	92	97	rVB	7967	8458	0.53%	0.064%
5	1.570	141	149	163	rVB	216466	246977	15.39%	1.855%
6	1.975	273	275	283	rBV7	1651	2088	0.13%	0.016%
7	2.110	306	317	334	rBV	438324	661027	41.20%	4.965%
8	2.296	366	375	380	rBV3	2924	4459	0.28%	0.033%
9	2.515	438	443	446	rBV5	1014	1254	0.08%	0.009%
10	2.750	506	516	517	rBV5	1482	1600	0.10%	0.012%
11	2.952	572	579	584	rBV7	2840	4610	0.29%	0.035%
12	3.033	599	604	605	rBV3	1248	973	0.06%	0.007%
13	3.219	657	662	666	rBV6	620	830	0.05%	0.006%
14	3.528	756	758	764	rBV4	868	891	0.06%	0.007%
15	3.659	788	799	801	rBV7	3121	4017	0.25%	0.030%
16	3.885	858	869	894	rBV	102783	298482	18.60%	2.242%
17	4.351	995	1014	1042	rBV	268392	667950	41.63%	5.017%
18	4.676	1101	1115	1126	rBV7	8074	20109	1.25%	0.151%
19	4.762	1133	1142	1161	rVB4	10421	26453	1.65%	0.199%
20	4.907	1175	1187	1201	rBV4	9859	23190	1.45%	0.174%
21	5.049	1213	1231	1263	rBV2	615185	1604418	100.00%	12.051%
22	5.232	1279	1288	1307	rVB	35784	89103	5.55%	0.669%
23	5.331	1311	1319	1322	rBV6	1947	2822	0.18%	0.021%
24	5.489	1359	1368	1370	rBV6	2496	3194	0.20%	0.024%
25	5.618	1395	1408	1432	rBV	452708	909859	56.71%	6.834%
26	5.907	1486	1498	1517	rVV3	28335	60135	3.75%	0.452%
27	5.987	1517	1523	1528	rBV8	1796	2284	0.14%	0.017%
28	6.071	1535	1549	1576	rBV	359075	735596	45.85%	5.525%
29	6.200	1581	1589	1598	rBV4	10259	19721	1.23%	0.148%
30	6.257	1601	1607	1617	rVB4	13592	23184	1.45%	0.174%
31	6.466	1656	1672	1683	rVB10	6748	17604	1.10%	0.132%
32	6.656	1718	1731	1749	rVB3	40248	88076	5.49%	0.662%
33	6.778	1753	1769	1780	rBV3	41456	86177	5.37%	0.647%
34	6.839	1781	1788	1798	rVB2	12473	20693	1.29%	0.155%
35	6.926	1808	1815	1819	rBV6	5615	7633	0.48%	0.057%
36	6.987	1824	1834	1854	rVB	196934	348007	21.69%	2.614%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020000.D
Acq On : 14 Jan 2021 14:36
Operator : SY/MD
Sample : M1147-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4X6

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	7.084	1857	1864	1872	rBV3	19440	29279	1.82%	0.220%
38	7.267	1909	1921	1926	rBV4	27364	51347	3.20%	0.386%
39	7.319	1927	1937	1955	rVB	701739	1212781	75.59%	9.110%
40	7.624	2022	2032	2062	rBV	135988	243852	15.20%	1.832%
41	7.791	2078	2084	2095	rVB6	7514	12735	0.79%	0.096%
42	7.884	2098	2113	2125	rBV6	5844	16028	1.00%	0.120%
43	7.981	2136	2143	2152	rVB7	6413	10636	0.66%	0.080%
44	8.090	2167	2177	2207	rBV2	348991	701205	43.70%	5.267%
45	8.576	2318	2328	2329	rBV8	4863	6005	0.37%	0.045%
46	8.669	2352	2357	2368	rVB3	13819	22691	1.41%	0.170%
47	8.794	2386	2396	2403	rBV3	13452	24810	1.55%	0.186%
48	8.855	2404	2415	2441	rVV	704894	1142388	71.20%	8.581%
49	9.328	2555	2562	2568	rVB9	2674	3313	0.21%	0.025%
50	9.711	2665	2681	2690	rBV9	6564	17033	1.06%	0.128%
51	9.814	2704	2713	2723	rBV9	7201	14420	0.90%	0.108%
52	9.987	2762	2767	2770	rBV6	1722	1689	0.11%	0.013%
53	10.129	2805	2811	2823	rVB3	10498	17718	1.10%	0.133%
54	10.222	2827	2840	2858	rBV	437903	691880	43.12%	5.197%
55	10.444	2905	2909	2910	rBV3	1467	1150	0.07%	0.009%
56	10.453	2910	2912	2918	rVB6	2045	1879	0.12%	0.014%
57	10.518	2930	2932	2935	rBV3	1981	1150	0.07%	0.009%
58	10.566	2943	2947	2948	rBV3	2287	1479	0.09%	0.011%
59	10.585	2949	2953	2960	rVB9	2780	4046	0.25%	0.030%
60	10.746	2995	3003	3018	rVB9	4190	11227	0.70%	0.084%
61	10.878	3041	3044	3046	rBV3	1537	1096	0.07%	0.008%
62	11.023	3083	3089	3090	rBV3	993	947	0.06%	0.007%
63	11.055	3092	3099	3106	rVV3	3564	6565	0.41%	0.049%
64	11.158	3122	3131	3139	rBV9	10248	17206	1.07%	0.129%
65	11.254	3150	3161	3182	rBV	775021	1199018	74.73%	9.006%
66	11.559	3247	3256	3257	rBV5	10691	13216	0.82%	0.099%
67	11.630	3268	3278	3299	rVB	792231	1255120	78.23%	9.428%
68	11.756	3310	3317	3318	rBV7	2063	2369	0.15%	0.018%
69	11.788	3324	3327	3329	rBV4	1093	869	0.05%	0.007%
70	11.830	3333	3340	3351	rVB2	8101	14444	0.90%	0.108%
71	11.923	3360	3369	3374	rBV3	7069	12111	0.75%	0.091%
72	12.026	3394	3401	3407	rBV	9558	13894	0.87%	0.104%
73	12.129	3423	3433	3438	rBV7	7410	11618	0.72%	0.087%
74	12.251	3463	3471	3484	rBV7	5404	11171	0.70%	0.084%
75	12.354	3494	3503	3513	rBV3	26499	45629	2.84%	0.343%
76	12.424	3519	3525	3534	rVB2	19190	27853	1.74%	0.209%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020000.D
Acq On : 14 Jan 2021 14:36
Operator : SY/MD
Sample : M1147-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4X6

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	12.476	3536	3541	3550	rVB9	5252	7190	0.45%	0.054%
78	12.559	3559	3567	3574	rBV4	10008	14000	0.87%	0.105%
79	12.592	3574	3577	3582	rVB7	1838	1611	0.10%	0.012%
80	12.659	3594	3598	3599	rBV3	1395	911	0.06%	0.007%
81	12.688	3599	3607	3615	rVV3	5488	10322	0.64%	0.078%
82	12.736	3616	3622	3629	rVB7	6705	9176	0.57%	0.069%
83	12.807	3637	3644	3650	rBV8	3558	4231	0.26%	0.032%
84	12.855	3651	3659	3660	rBV6	2968	3221	0.20%	0.024%
85	13.013	3700	3708	3715	rBV6	3749	5782	0.36%	0.043%
86	13.077	3723	3728	3729	rBV4	1173	1014	0.06%	0.008%
87	13.180	3752	3760	3765	rBV6	2905	4288	0.27%	0.032%
88	13.222	3769	3773	3782	rVB8	3203	4314	0.27%	0.032%
89	13.276	3782	3790	3798	rBV7	8291	12907	0.80%	0.097%
90	13.344	3808	3811	3816	rBV5	1100	881	0.05%	0.007%
91	13.476	3848	3852	3858	rVB7	1603	1437	0.09%	0.011%
92	13.556	3874	3877	3881	rBV4	1052	964	0.06%	0.007%
93	13.614	3889	3895	3900	rBV6	2144	2816	0.18%	0.021%
94	14.238	4086	4089	4091	rBV4	1747	1127	0.07%	0.008%
95	14.485	4163	4166	4170	rVB5	1537	929	0.06%	0.007%
96	14.887	4287	4291	4295	rBV4	998	929	0.06%	0.007%
97	15.321	4424	4426	4429	rVB4	1463	837	0.05%	0.006%
98	15.395	4445	4449	4455	rVB5	2132	2202	0.14%	0.017%
99	16.029	4643	4646	4653	rVB6	1435	1808	0.11%	0.014%
100	16.135	4677	4679	4684	rBV5	965	895	0.06%	0.007%

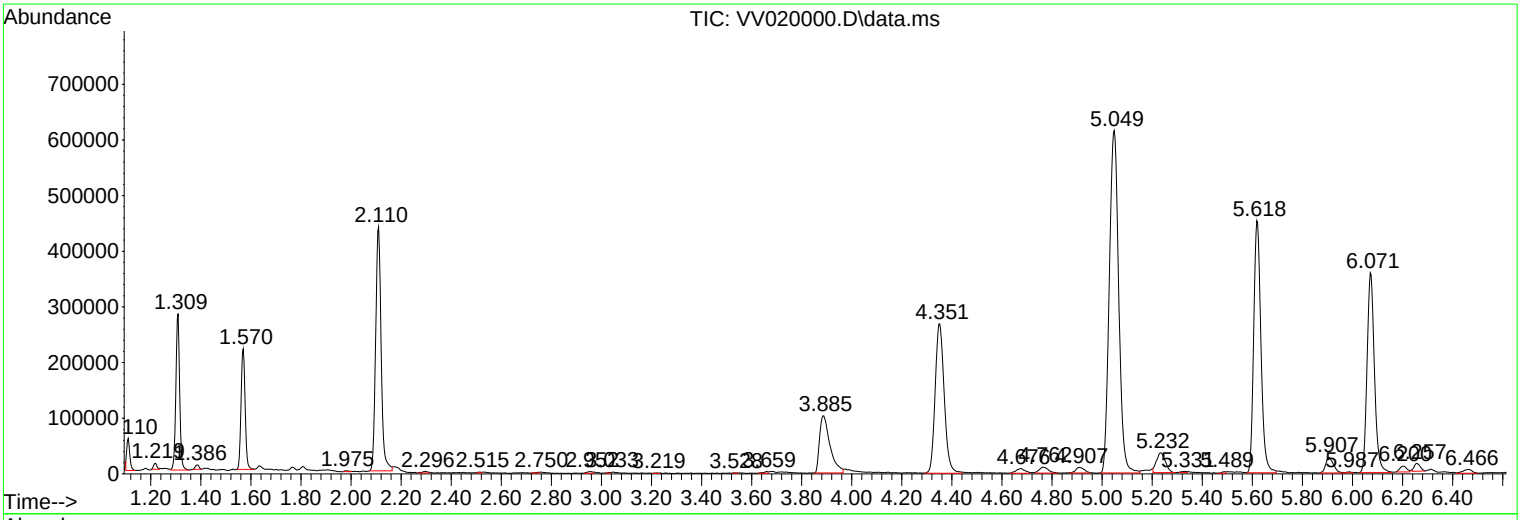
Sum of corrected areas: 13313229

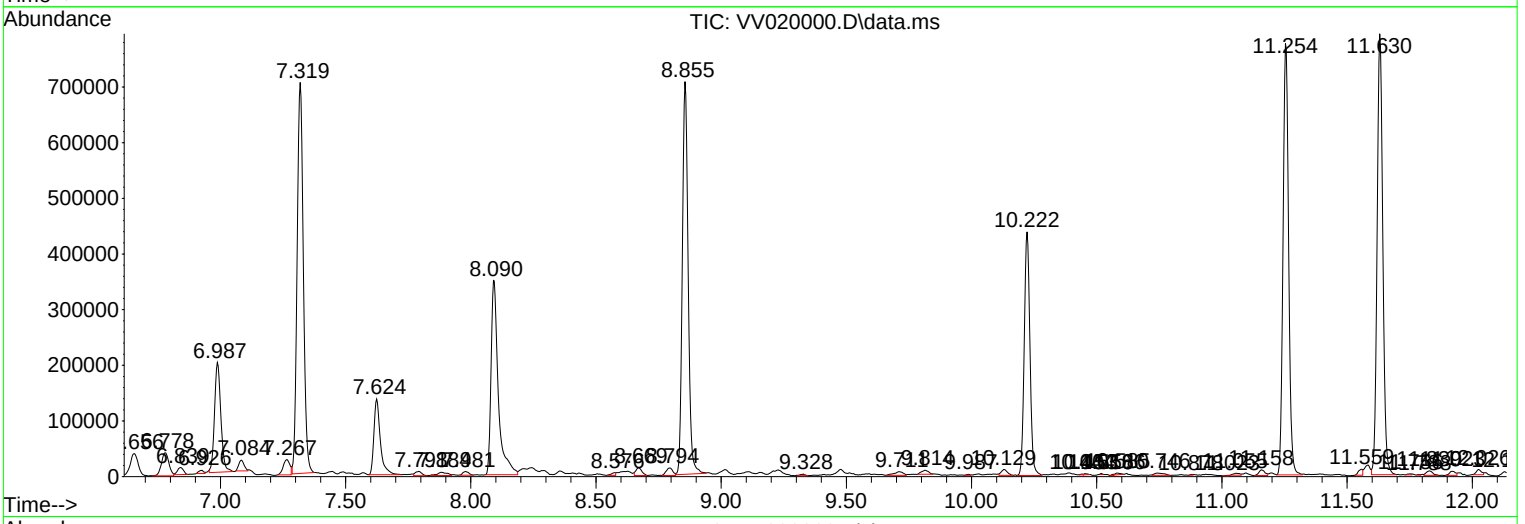
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020000.D
Acq On : 14 Jan 2021 14:36
Operator : SY/MD
Sample : M1147-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

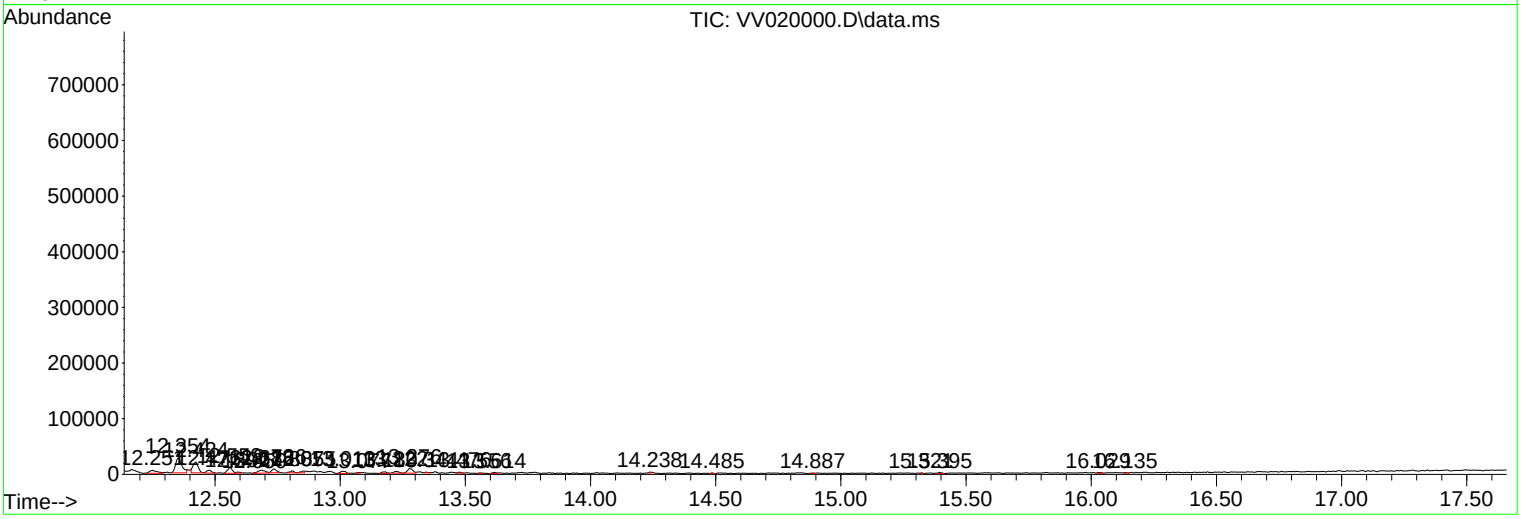
Instrument :
MSVOA_V
ClientSampleId :
BG4X6

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 : VV020000.D
Acq On : 14 Jan 2021 14:36
Operator : SY/MD
Sample : M1147-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4X6

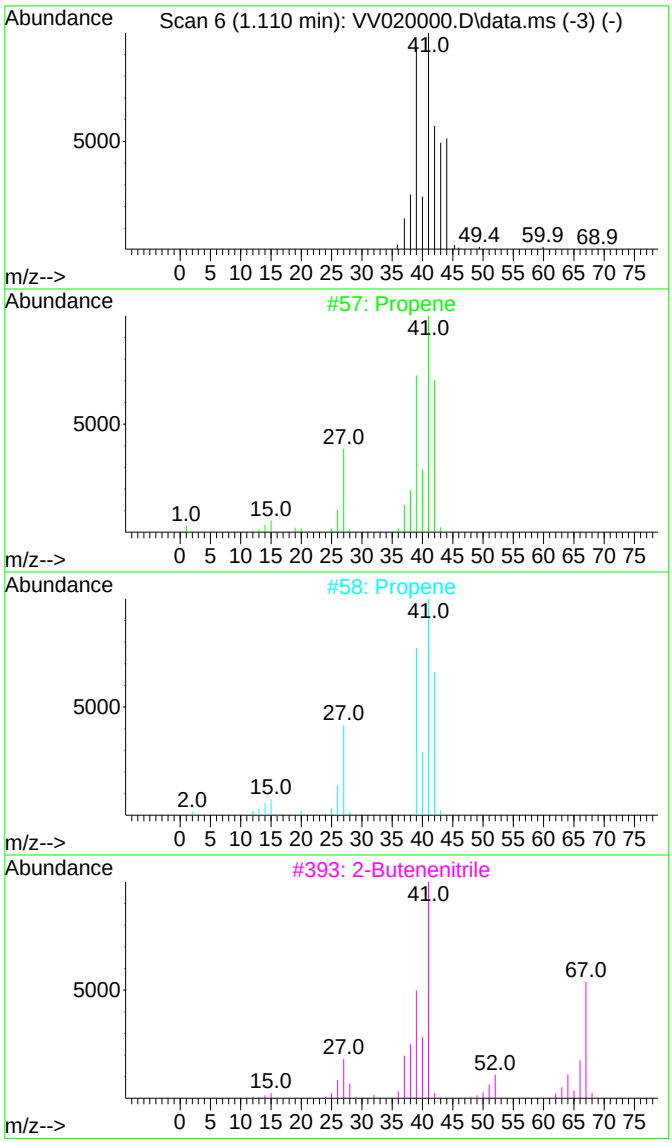
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

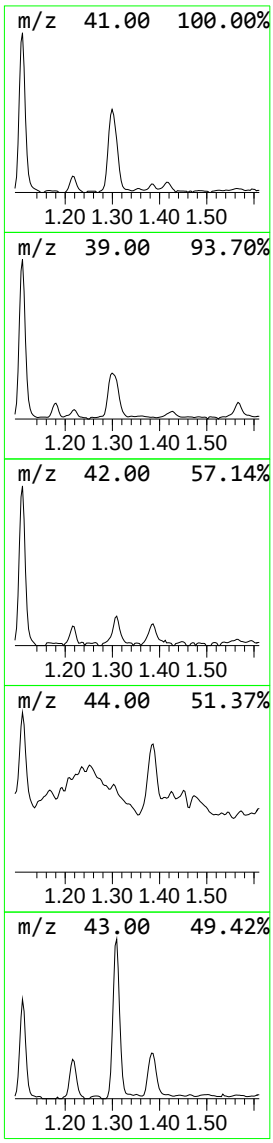
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.110	2.64 ug/L	48128	1,4-Difluorobenzene	5.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	59
2	Propene	42	C3H6	000115-07-1	40
3	2-Butenenitrile	67	C4H5N	004786-20-3	10
4	3-Butenenitrile	67	C4H5N	000109-75-1	10
5	2-Butenenitrile	67	C4H5N	004786-20-3	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020000.D
Acq On : 14 Jan 2021 14:36
Operator : SY/MD
Sample : M1147-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4X6

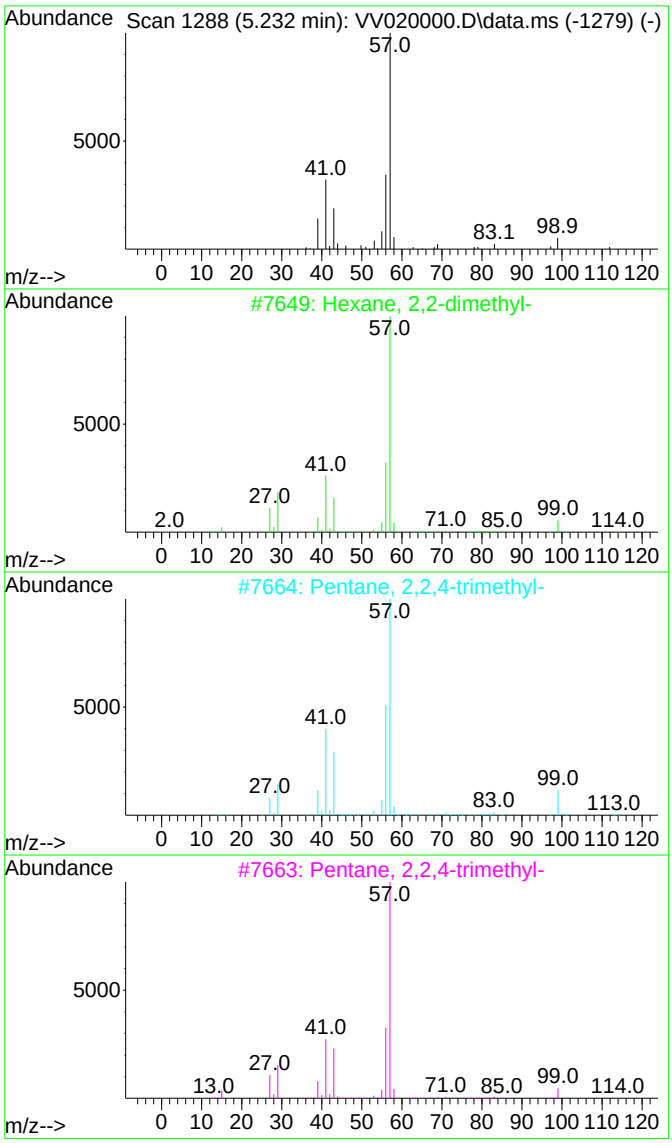
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

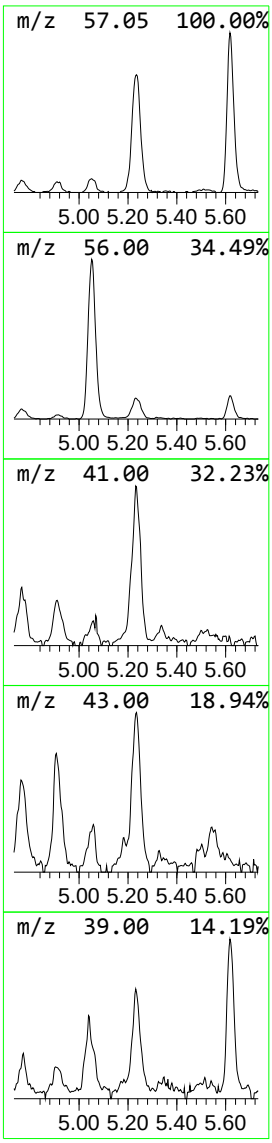
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.232	4.90 ug/L	89103	1,4-Difluorobenzene	5.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	50
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	50
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	45
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020000.D
Acq On : 14 Jan 2021 14:36
Operator : SY/MD
Sample : M1147-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4X6

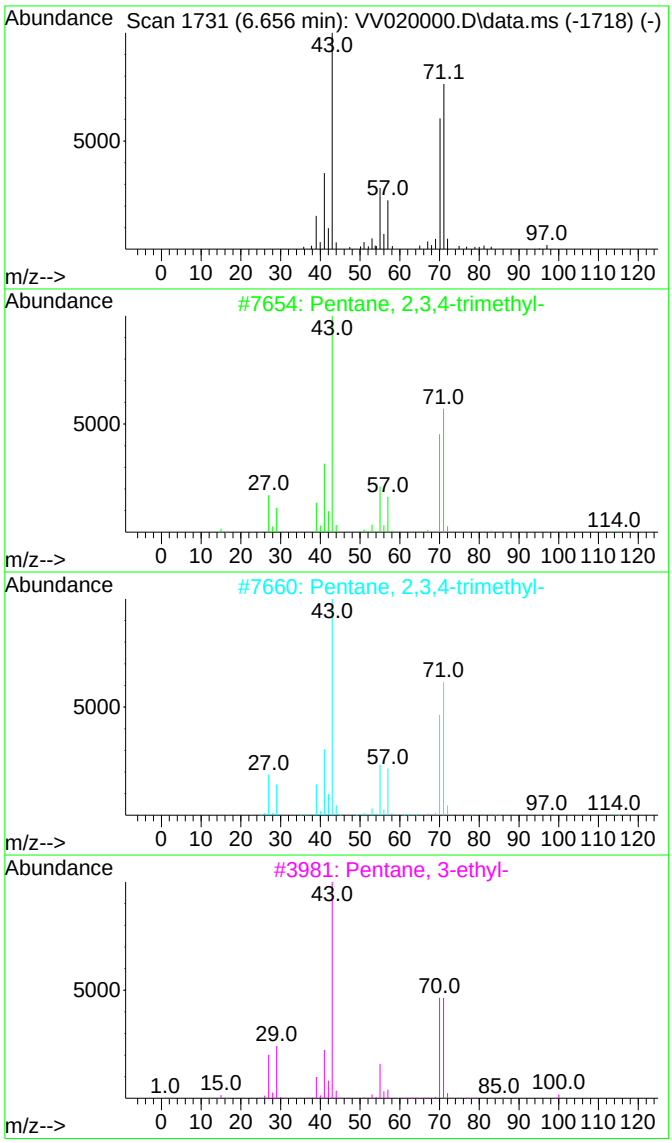
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

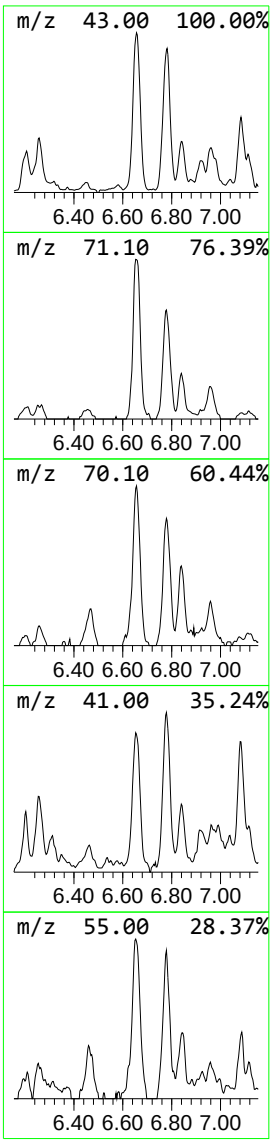
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.656	4.84 ug/L	88076	1,4-Difluorobenzene	5.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	86
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78
3	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
4	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020000.D
Acq On : 14 Jan 2021 14:36
Operator : SY/MD
Sample : M1147-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4X6

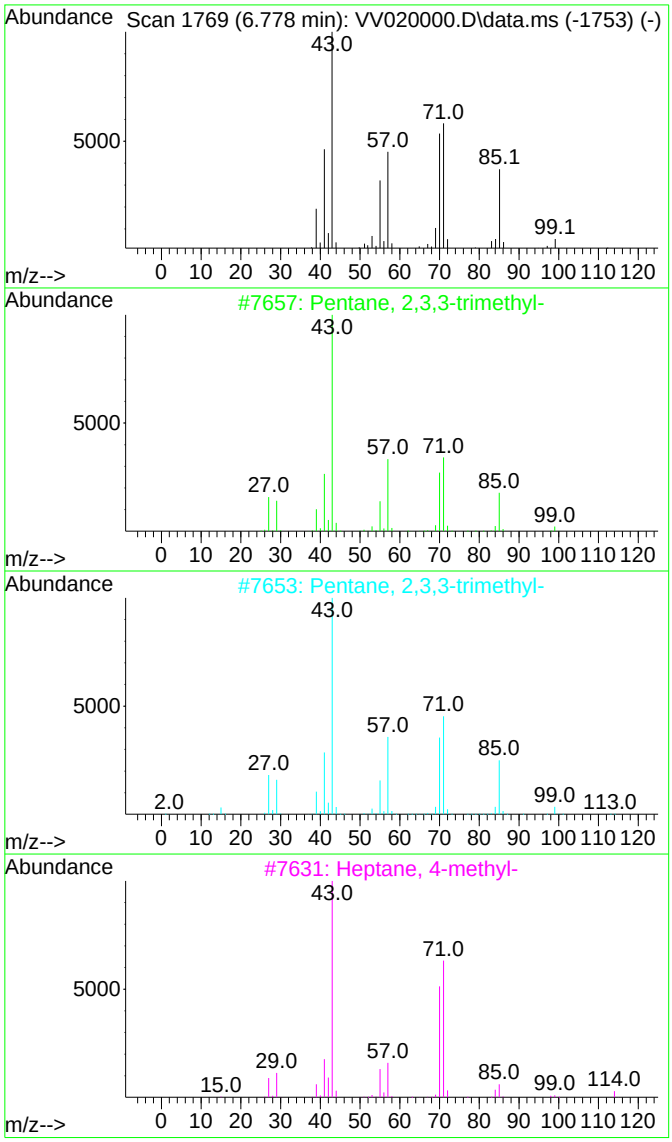
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

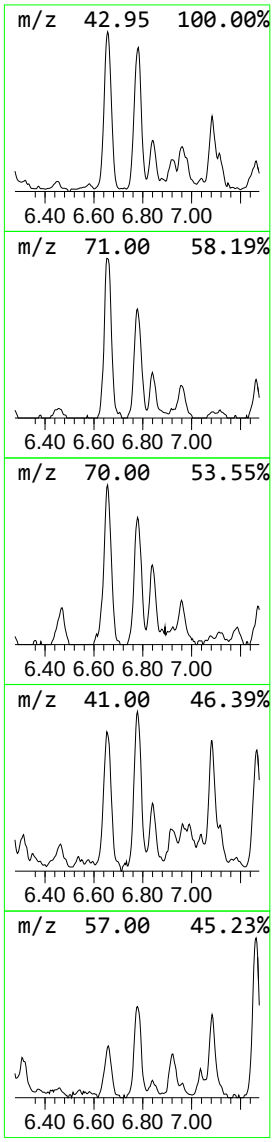
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.778	4.74 ug/L	86177	1,4-Difluorobenzene	5.618

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	78
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011421\
Data File : VV020000.D
Acq On : 14 Jan 2021 14:36
Operator : SY/MD
Sample : M1147-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4X6

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...	1.110	2.6	ug/L	48128	1	5.618	909859	50.0
(DEL) Alkane: S...	5.232	4.9	ug/L	89103	1	5.618	909859	50.0
(DEL) Alkane: S...	6.656	4.8	ug/L	88076	1	5.618	909859	50.0
(DEL) Alkane: S...	6.778	4.7	ug/L	86177	1	5.618	909859	50.0