LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020026.D
Acq On : 15 Jan 2021 15:59
Operator : SY/MD
Sample : M1147-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y5

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: VV020026.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	rVB3	7051	7489	0.54%	0.068%
2	1.309	61	68	81	rVB	204252	206529	14.86%	1.885%
3	1.386	86	92	102	rBV	34115	40081	2.88%	0.366%
4	1.569	142	149	159	rBV	175753	197120	14.19%	1.799%
5	2.110	306	317	332	rBV	357511	549217	39.52%	5.012%
6	2.296	371	375	384	rVB6	2055	3035	0.22%	0.028%
7	2.492	430	436	437	rBV4	2173	1696	0.12%	0.015%
8	2.534	441	449	462	rVB2	23534	43753	3.15%	0.399%
9	2.676	488	493	500	rBV6	1010	1574	0.11%	0.014%
10	2.766	508	521	536	rBV2	37390	75719	5.45%	0.691%
11	2.958	571	581	588	rBV5	5412	10618	0.76%	0.097%
12	3.045	594	608	637	rVB2	158866	323196	23.26%	2.949%
13	3.158	639	643	649	rVB7	796	813	0.06%	0.007%
14	3.299	681	687	690	rVV6	1071	1500	0.11%	0.014%
15	3.383	710	713	717	rVV4	903	804	0.06%	0.007%
16	3.499	743	749	752	rBV4	820	818	0.06%	0.007%
17	3.720	809	818	820	rBV7	5478	7504	0.54%	0.068%
18	3.769	823	833	851	rVB2	30323	77632	5.59%	0.708%
19	3.836	851	854	856	rBV4	1133	759	0.05%	0.007%
20	3.894	861	872	897	rBV2	96738	288676	20.77%	2.634%
21	4.277	987	991	997	rVV5	1160	1286	0.09%	0.012%
22	4.354	997	1015	1049	rVV	227152	563166	40.53%	5.139%
23	4.688	1116	1119	1123	rVB4	847	764	0.05%	0.007%
24	4.920	1186	1191	1196	rVB6	913	783	0.06%	0.007%
25	5.052	1207	1232	1272	rBV2	523058	1389597	100.00%	12.680%
26	5.338	1317	1321	1323	rBV4	1589	1394	0.10%	0.013%
27	5.502	1368	1372	1375	rBV3	1395	1256	0.09%	0.011%
28	5.621	1397	1409	1430	rBV	327002	659270	47.44%	6.016%
29	5.833	1471	1475	1481	rBV6	1103	887	0.06%	0.008%
30	5.910	1489	1499	1516	rVV4	22990	49532	3.56%	0.452%
31	6.074	1536	1550	1577	rBV	308811	628453	45.23%	5.735%
32	6.203	1587	1590	1592	rBV4	2068	1426	0.10%	0.013%
33	6.646	1719	1728	1729	rBV6	2694	2698	0.19%	0.025%
34	6.775	1764	1768	1774	rVV5	1246	1444	0.10%	0.013%
35	6.990	1822	1835	1852	rBV	163412	294682	21.21%	2.689%
36	7.244	1909	1914	1915	rBV4	1793	1472	0.11%	0.013%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020026.D
Acq On : 15 Jan 2021 15:59
Operator : SY/MD
Sample : M1147-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y5

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	7.322	1925	1938	1961	rBV	587289	1026274	73.85%	9.365%
38	7.534	2001	2004	2007	rBV4	885	804	0.06%	0.007%
39	7.627	2023	2033	2047	rBV	111076	193171	13.90%	1.763%
40	7.981	2136	2143	2151	rBV7	4530	7427	0.53%	0.068%
41	8.035	2151	2160	2163	rBV8	2025	2988	0.22%	0.027%
42	8.093	2167	2178	2211	rBV2	325829	656735	47.26%	5.993%
43	8.251	2221	2227	2241	rVB4	13964	24093	1.73%	0.220%
44	8.630	2342	2345	2351	rVB6	1499	1459	0.10%	0.013%
45	8.669	2354	2357	2364	rVB7	1708	1582	0.11%	0.014%
46	8.859	2404	2416	2438	rBV	514388	835519	60.13%	7.624%
47	8.984	2454	2455	2460	rVB4	1088	725	0.05%	0.007%
48	9.010	2460	2463	2466	rBV5	1161	1035	0.07%	0.009%
49	9.055	2474	2477	2481	rBV5	972	747	0.05%	0.007%
50	9.225	2524	2530	2531	rBV5	1942	1641	0.12%	0.015%
51	9.434	2588	2595	2601	rBV7	1773	2851	0.21%	0.026%
52	9.621	2650	2653	2662	rVB8	914	925	0.07%	0.008%
53	9.820	2706	2715	2725	rBV8	6998	11977	0.86%	0.109%
54	10.096	2797	2801	2803	rBV4	1273	951	0.07%	0.009%
55	10.222	2827	2840	2857	rBV	394915	616387	44.36%	5.624%
56	10.521	2928	2933	2934	rBV4	1351	1135	0.08%	0.010%
57	10.588	2948	2954	2958	rBV6	2279	2925	0.21%	0.027%
58	10.884	3042	3046	3051	rBV7	820	778	0.06%	0.007%
59	10.948	3064	3066	3070	rVB5	1137	783	0.06%	0.007%
60	11.045	3088	3096	3098	rBV8	1453	1797	0.13%	0.016%
61	11.157	3123	3131	3141	rBV4	12766	20426	1.47%	0.186%
62	11.254	3151	3161	3184	rVB	561394	861894	62.02%	7.865%
63	11.556	3245	3255	3258	rBV5	8215	12674	0.91%	0.116%
64	11.630	3268	3278	3295	rVB	650432	1036269	74.57%	9.456%
65	11.756	3309	3317	3323	rVB	3105	3884	0.28%	0.035%
66	11.833	3333	3341	3349	rVV6	5582	8592	0.62%	0.078%
67	11.920	3362	3368	3370	rBV5	5282	5011	0.36%	0.046%
68	12.022	3394	3400	3407	rBV5	6388	9191	0.66%	0.084%
69	12.119	3421	3430	3441	rBV3	8391	14281	1.03%	0.130%
70	12.164	3442	3444	3447	rVV5	1636	934	0.07%	0.009%
71	12.267	3465	3476	3479	rBV8	2320	3855	0.28%	0.035%
72	12.305	3483	3488	3492	rVV4	2134	2312	0.17%	0.021%
73	12.354	3495	3503	3515	rVV3	19614	35468	2.55%	0.324%
74	12.421	3517	3524	3536	rVV	20122	30311	2.18%	0.277%
75	12.476	3536	3541	3549	rVB7	4223	5070	0.36%	0.046%
76	12.559	3558	3567	3575	rBV7	5808	8339	0.60%	0.076%

LSC Area Percent Report

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Data File : VV020026.D
Acq On : 15 Jan 2021 15:59
Operator : SY/MD
Sample : M1147-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y5

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	12.688	3602	3607	3608	rBV4	1789	1811	0.13%	0.017%
78	12.733	3616	3621	3628	rBV7	3762	4354	0.31%	0.040%
79	12.810	3640	3645	3648	rVB6	1481	1522	0.11%	0.014%
80	12.894	3665	3671	3681	rVB6	6067	8558	0.62%	0.078%
81	13.225	3767	3774	3780	rBV9	3788	5038	0.36%	0.046%
82	13.276	3783	3790	3796	rBV7	6260	8886	0.64%	0.081%
83	13.376	3817	3821	3832	rVB4	5330	6842	0.49%	0.062%
84	13.434	3836	3839	3842	rBV3	1445	1153	0.08%	0.011%
85	13.714	3921	3926	3927	rBV5	1964	1531	0.11%	0.014%
86	13.778	3940	3946	3951	rBV8	2747	2867	0.21%	0.026%
87	14.009	4014	4018	4022	rBV7	847	1012	0.07%	0.009%
88	14.096	4043	4045	4048	rVV4	1391	984	0.07%	0.009%
89	14.112	4048	4050	4054	rVB5	1741	1297	0.09%	0.012%
90	14.154	4061	4063	4070	rVB5	1386	1331	0.10%	0.012%
91	14.241	4081	4090	4095	rBV5	2946	3819	0.27%	0.035%
92	14.315	4108	4113	4115	rBV3	1426	1348	0.10%	0.012%
93	14.379	4129	4133	4136	rBV6	878	786	0.06%	0.007%
94	14.434	4146	4150	4153	rBV5	1040	731	0.05%	0.007%
95	14.720	4236	4239	4249	rVB8	1584	2344	0.17%	0.021%
96	14.797	4259	4263	4265	rVB4	1206	926	0.07%	0.008%
97	14.826	4265	4272	4283	rBV7	5539	8643	0.62%	0.079%
98	15.099	4352	4357	4360	rBV5	1102	965	0.07%	0.009%
99	15.784	4565	4570	4573	rBV6	1111	1054	0.08%	0.010%
100	16.630	4831	4833	4840	rBV6	1479	1426	0.10%	0.013%

Sum of corrected areas: 10959091

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
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Acq On : 15 Jan 2021 15:59
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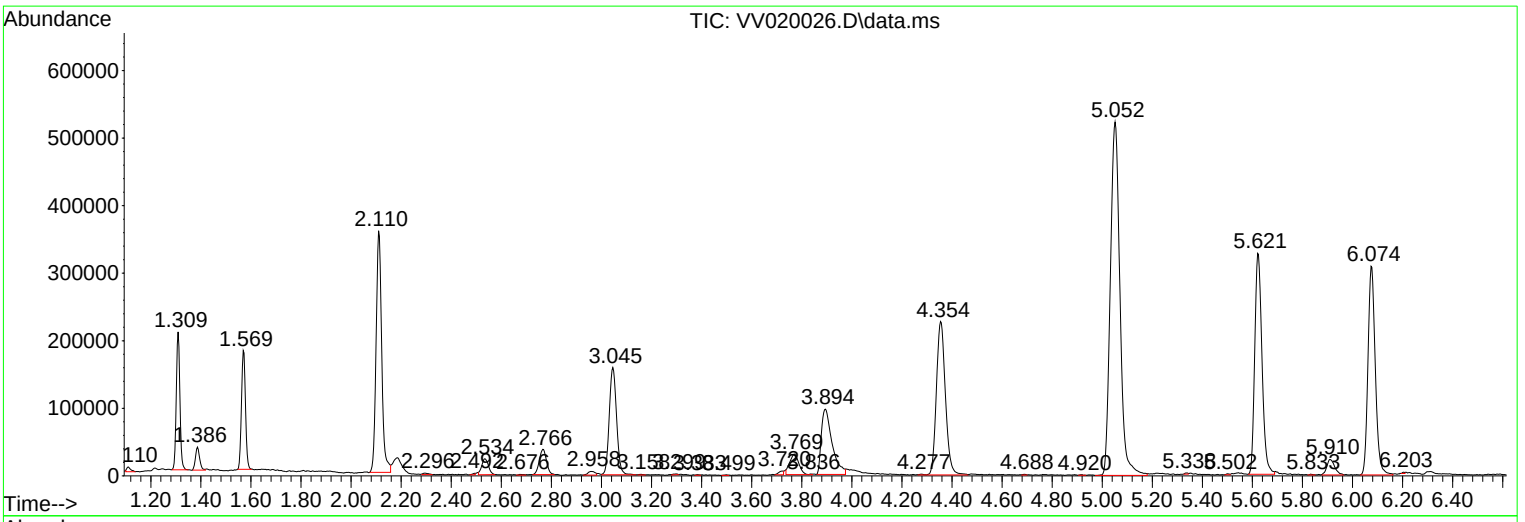
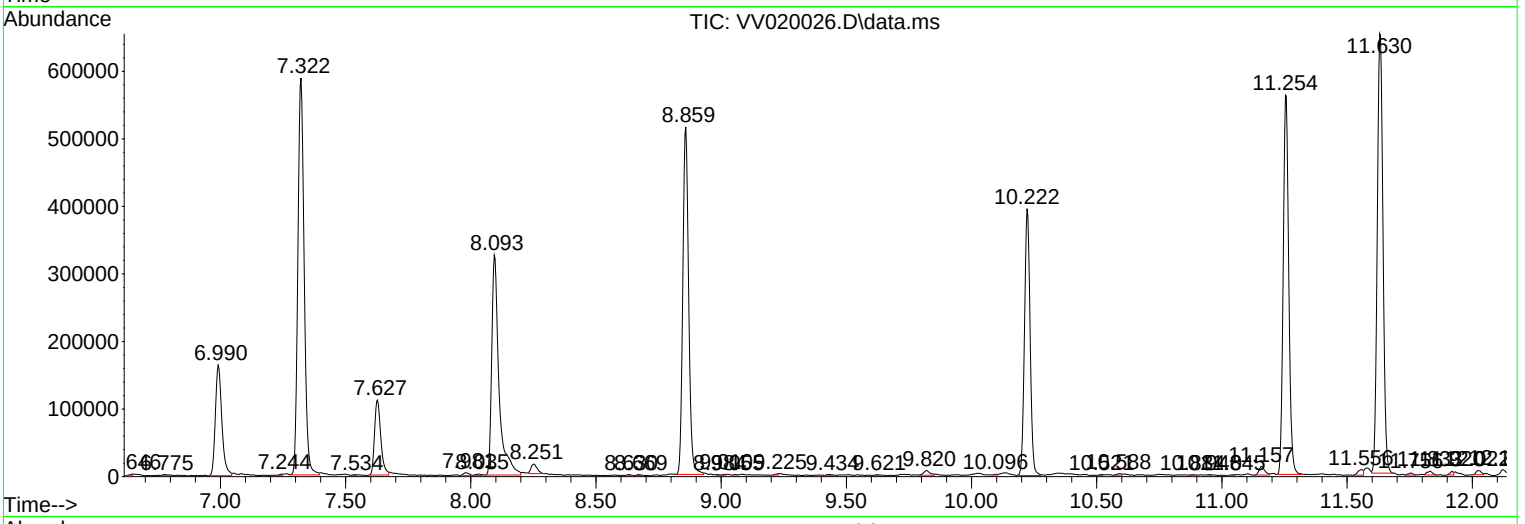
Sample : M1147-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

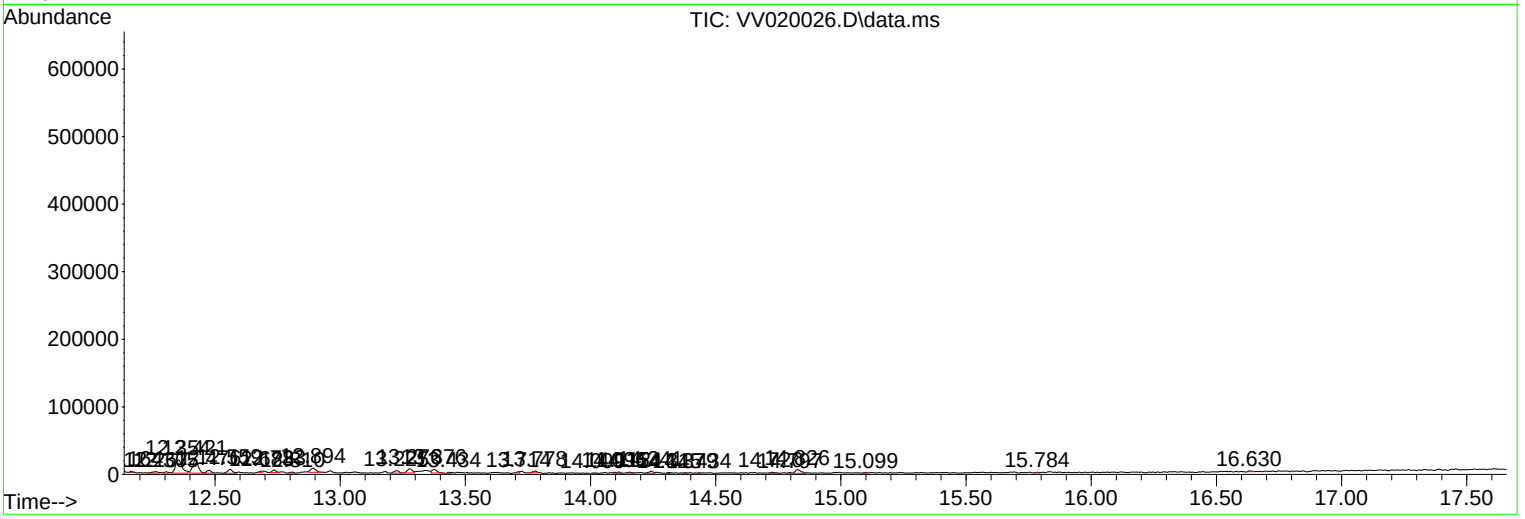
Instrument :
MSVOA_V
ClientSampleId :
BG4Y5

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\
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ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y5

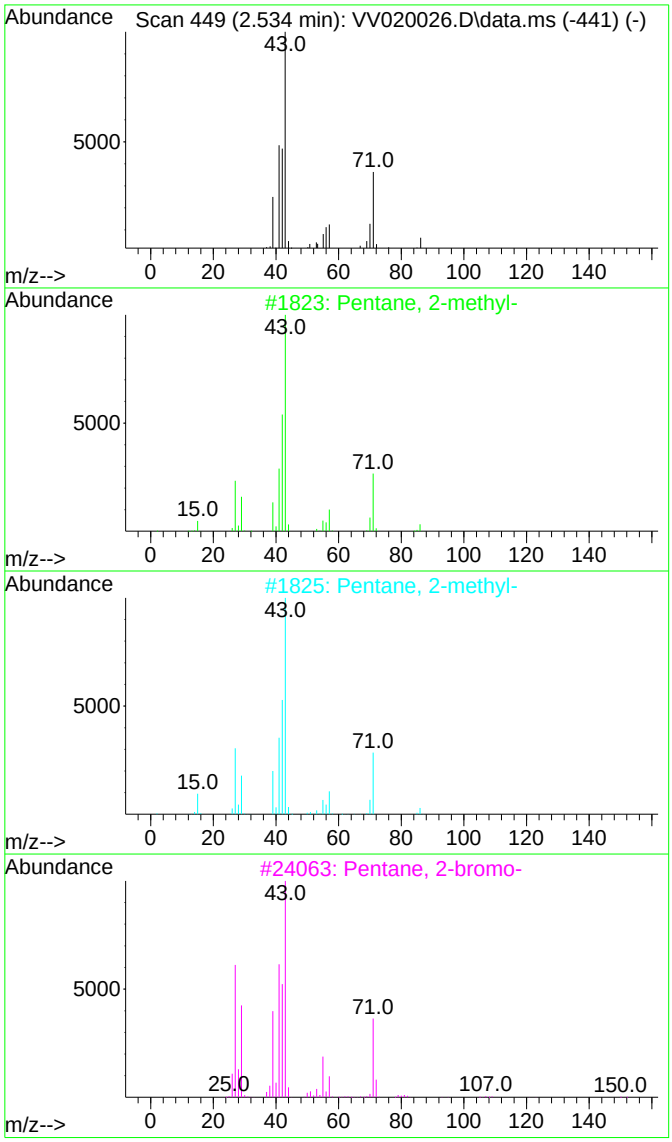
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

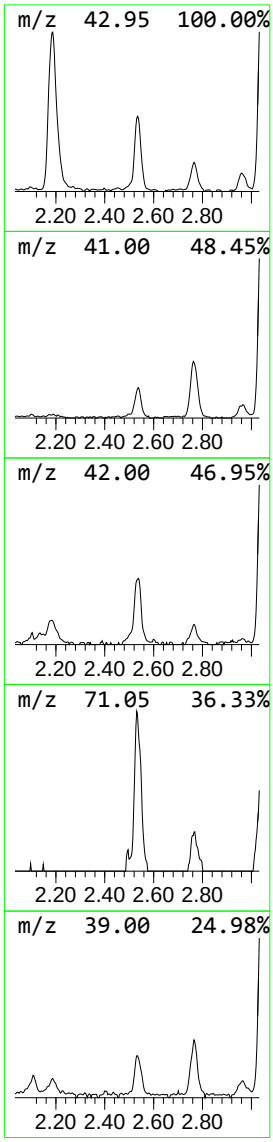
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.534	3.32 ug/L	43753	1,4-Difluorobenzene	5.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	72
3	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	53
4	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	38
5	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020026.D
Acq On : 15 Jan 2021 15:59
Operator : SY/MD
Sample : M1147-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y5

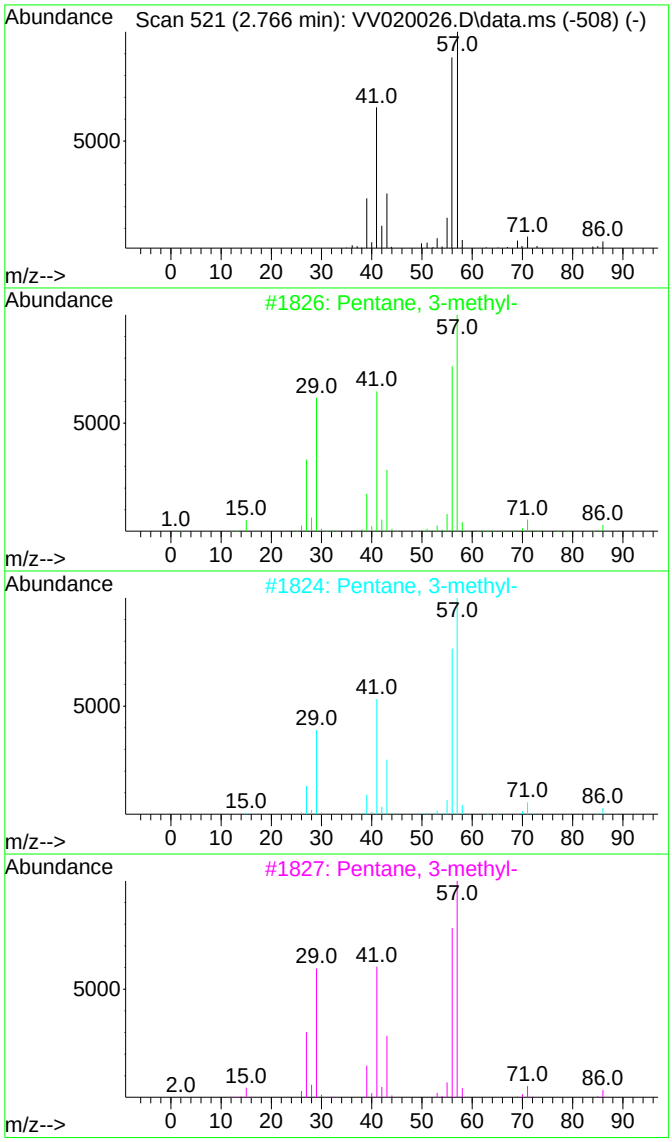
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

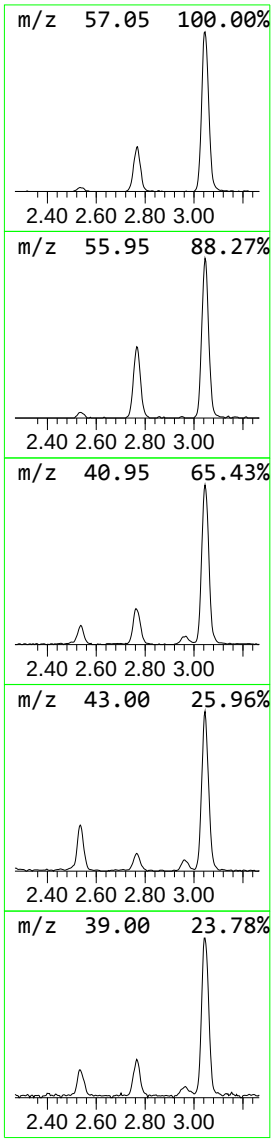
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.766	5.74 ug/L	75719	1,4-Difluorobenzene	5.624

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	80
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	72
5	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	72





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Sample : M1147-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y5

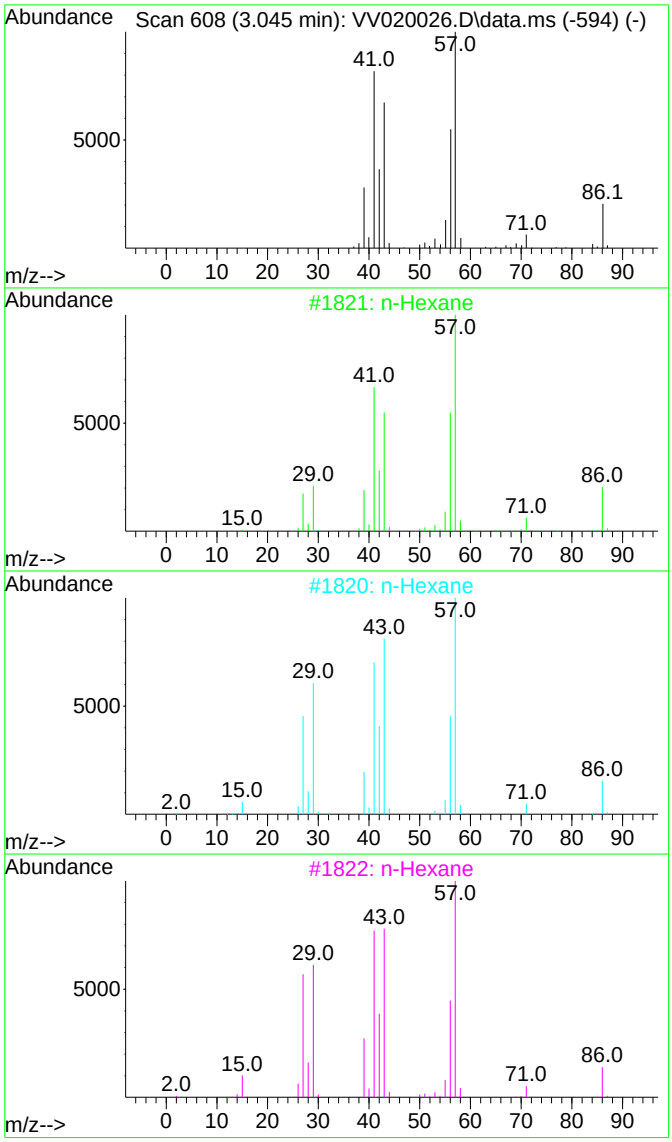
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

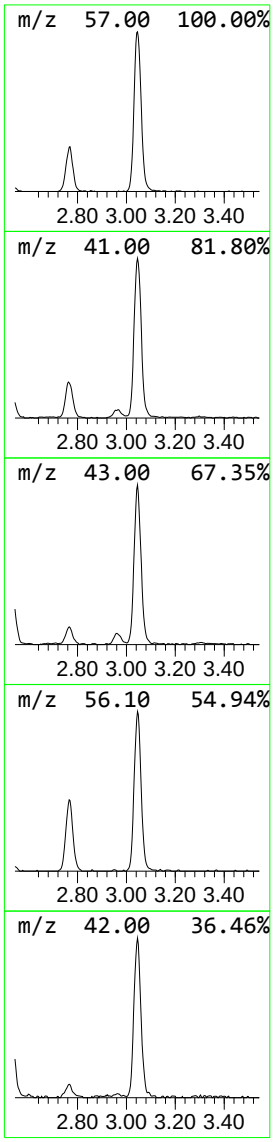
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.045	24.51 ug/L	323196	1,4-Difluorobenzene	5.624

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	72
3	n-Hexane	86	C6H14	000110-54-3	59
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	40





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Data File : VV020026.D
Acq On : 15 Jan 2021 15:59
Operator : SY/MD
Sample : M1147-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y5

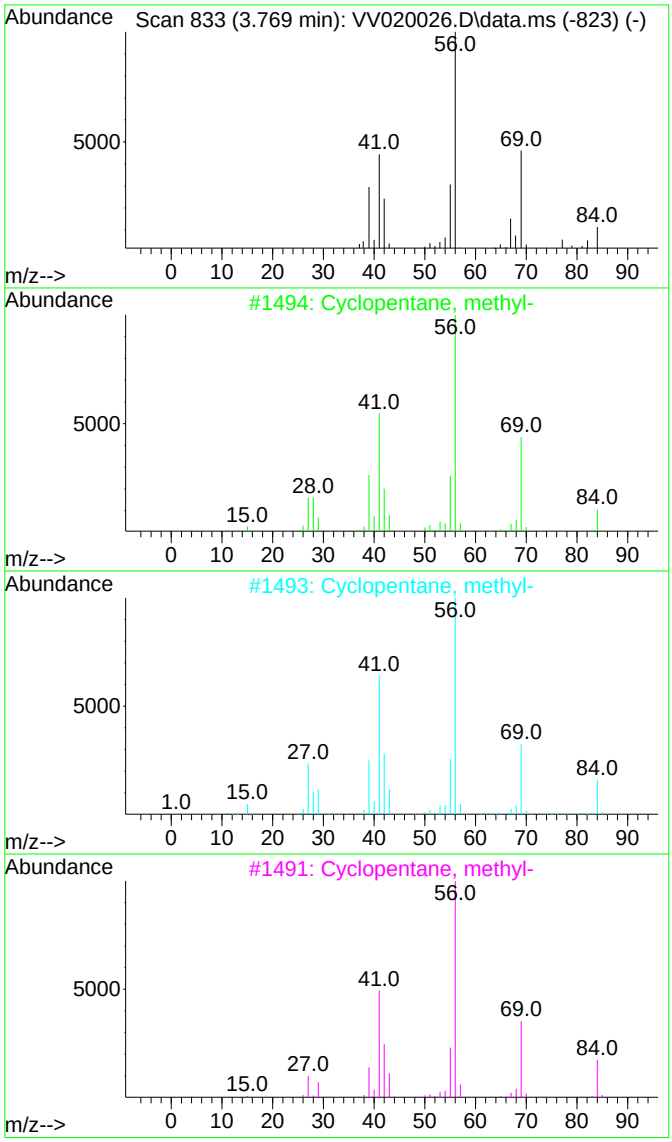
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
Quant Title : VOC Analysis

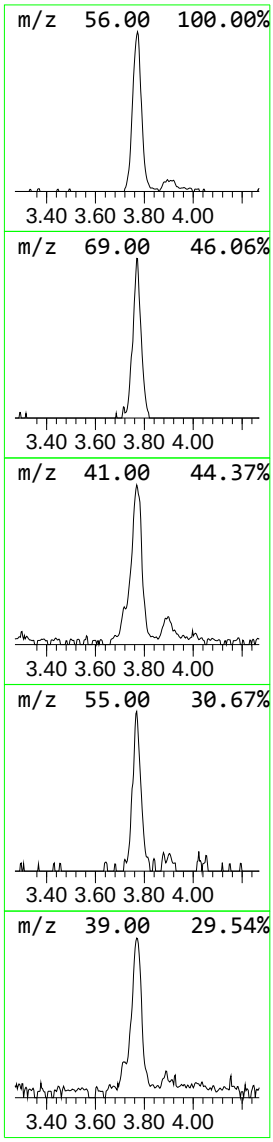
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Cyclic3.769 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.769	5.89 ug/L	77632	1,4-Difluorobenzene	5.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	74
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	59
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	45
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	42
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011521\
Data File : VV020026.D
Acq On : 15 Jan 2021 15:59
Operator : SY/MD
Sample : M1147-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y5

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	3.3	ug/L	43753	1	5.624	659270	50.0
(DEL) Alkane: S...	2.766	5.7	ug/L	75719	1	5.624	659270	50.0
(DEL) Alkane: S...	3.045	24.5	ug/L	323196	1	5.624	659270	50.0
(DEL) Alkane: C...	3.769	5.9	ug/L	77632	1	5.624	659270	50.0