LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012121\
Data File : VV020120.D
Acq On : 21 Jan 2021 21:38
Operator : SY/MD
Sample : M1201-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y0

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\SOMVLM012121WMA.M
Title : VOC Analysis

Signal : TIC: VV020120.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.306	61	67	84	rVB	272783	278937	12.10%	1.631%
2	1.569	141	149	162	rBV	210003	238448	10.35%	1.394%
3	2.106	307	316	357	rVB	448660	700021	30.38%	4.093%
4	2.679	493	494	496	rBV	531	161	0.01%	0.001%
5	2.762	506	520	546	rVB	305191	605727	26.29%	3.542%
6	3.042	592	607	637	rBV	1176925	2304379	100.00%	13.473%
7	3.508	747	752	754	rBV4	780	776	0.03%	0.005%
8	3.534	758	760	762	rBV2	447	258	0.01%	0.002%
9	3.637	790	792	794	rBV	478	208	0.01%	0.001%
10	3.765	814	832	859	rBV	413440	1037924	45.04%	6.068%
11	3.897	862	873	906	rBV	99964	322326	13.99%	1.885%
12	4.354	1000	1015	1041	rVB2	266453	651010	28.25%	3.806%
13	4.817	1157	1159	1160	rBV2	470	168	0.01%	0.001%
14	4.846	1166	1168	1169	rVB	576	191	0.01%	0.001%
15	4.875	1173	1177	1181	rBV4	733	732	0.03%	0.004%
16	4.916	1187	1190	1192	rBV3	669	391	0.02%	0.002%
17	5.052	1213	1232	1257	rBV2	636714	1631335	70.79%	9.538%
18	5.331	1317	1319	1320	rBV	849	383	0.02%	0.002%
19	5.351	1323	1325	1328	rVV3	772	453	0.02%	0.003%
20	5.524	1377	1379	1382	rBV2	581	332	0.01%	0.002%
21	5.624	1396	1410	1439	rBV	520020	1043082	45.27%	6.099%
22	5.907	1488	1498	1522	rVB2	48500	102380	4.44%	0.599%
23	6.074	1536	1550	1572	rBV	359194	737207	31.99%	4.310%
24	6.325	1626	1628	1629	rBV	429	178	0.01%	0.001%
25	6.402	1650	1652	1654	rBV	363	146	0.01%	0.001%
26	6.418	1655	1657	1661	rBV4	408	310	0.01%	0.002%
27	6.572	1701	1705	1707	rBV3	1123	737	0.03%	0.004%
28	6.611	1715	1717	1718	rBV3	595	245	0.01%	0.001%
29	6.733	1753	1755	1756	rBV2	314	125	0.01%	0.001%
30	6.743	1756	1758	1762	rVB3	804	426	0.02%	0.002%
31	6.762	1762	1764	1765	rBV	242	55	0.00%	0.000%
32	6.772	1765	1767	1771	rVB3	725	374	0.02%	0.002%
33	6.797	1771	1775	1778	rBV2	969	796	0.03%	0.005%
34	6.871	1796	1798	1800	rVB	587	254	0.01%	0.001%
35	6.884	1800	1802	1803	rBV	309	163	0.01%	0.001%
36	6.926	1811	1815	1818	rBV5	804	744	0.03%	0.004%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y0

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\SOMVLM012121WMA.M
Title : VOC Analysis

37	6.990	1823	1835	1856	rBV	193515	353771	15.35%	2.068%
38	7.322	1925	1938	1966	rBV	734913	1285052	55.77%	7.513%
39	7.624	2022	2032	2059	rBV	142499	257568	11.18%	1.506%
40	8.093	2168	2178	2217	rBV2	338341	719447	31.22%	4.206%
41	8.521	2308	2311	2312	rBV	583	271	0.01%	0.002%
42	8.624	2340	2343	2345	rBV	1008	604	0.03%	0.004%
43	8.730	2372	2376	2377	rBV2	748	475	0.02%	0.003%
44	8.768	2387	2388	2390	rVB3	649	172	0.01%	0.001%
45	8.797	2394	2397	2400	rBV4	724	520	0.02%	0.003%
46	8.855	2403	2415	2438	rBV	799620	1309219	56.81%	7.655%
47	9.219	2525	2528	2532	rBV3	515	327	0.01%	0.002%
48	9.595	2643	2645	2647	rVB2	322	136	0.01%	0.001%
49	9.608	2647	2649	2652	rVB2	311	139	0.01%	0.001%
50	9.633	2655	2657	2660	rBV2	422	333	0.01%	0.002%
51	9.685	2670	2673	2677	rBV2	609	424	0.02%	0.002%
52	9.717	2681	2683	2686	rBV2	280	205	0.01%	0.001%
53	9.736	2686	2689	2690	rBV2	218	108	0.00%	0.001%
54	9.746	2690	2692	2694	rVB2	275	98	0.00%	0.001%
55	9.759	2694	2696	2697	rBV	217	84	0.00%	0.000%
56	9.807	2709	2711	2714	rBV2	345	194	0.01%	0.001%
57	9.871	2730	2731	2732	rBV2	302	77	0.00%	0.000%
58	9.907	2738	2742	2744	rBV2	310	236	0.01%	0.001%
59	9.926	2747	2748	2750	rVB2	229	56	0.00%	0.000%
60	9.958	2756	2758	2760	rBV	231	133	0.01%	0.001%
61	10.013	2773	2775	2778	rBV2	377	167	0.01%	0.001%
62	10.029	2778	2780	2787	rVV2	569	447	0.02%	0.003%
63	10.058	2787	2789	2793	rVB2	320	163	0.01%	0.001%
64	10.125	2807	2810	2812	rVB	266	164	0.01%	0.001%
65	10.138	2812	2814	2816	rBV	251	149	0.01%	0.001%
66	10.222	2829	2840	2858	rBV	479135	754302	32.73%	4.410%
67	10.357	2880	2882	2884	rBV2	298	152	0.01%	0.001%
68	10.550	2940	2942	2945	rBV3	404	230	0.01%	0.001%
69	10.595	2954	2956	2960	rVB3	541	222	0.01%	0.001%
70	10.804	3018	3021	3023	rBV	420	325	0.01%	0.002%
71	11.077	3104	3106	3109	rBV	276	131	0.01%	0.001%
72	11.157	3126	3131	3133	rBV2	279	321	0.01%	0.002%
73	11.173	3133	3136	3139	rBV2	653	562	0.02%	0.003%
74	11.254	3149	3161	3186	rBV	876449	1377729	59.79%	8.055%
75	11.633	3266	3279	3299	rBV	879761	1374898	59.66%	8.039%
76	11.826	3338	3339	3341	rBV	451	212	0.01%	0.001%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4Y0

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\SOMVLM012121WMA.M
Title : VOC Analysis

77	12.273	3475	3478	3480	rBV	404	266	0.01%	0.002%
78	12.633	3588	3590	3592	rBV2	314	177	0.01%	0.001%
79	12.739	3621	3623	3624	rBV2	359	98	0.00%	0.001%
80	12.820	3646	3648	3650	rBV2	296	130	0.01%	0.001%
81	13.247	3776	3781	3783	rBV2	502	448	0.02%	0.003%
82	15.691	4538	4541	4546	rBV5	1235	1165	0.05%	0.007%

Sum of corrected areas: 17103489

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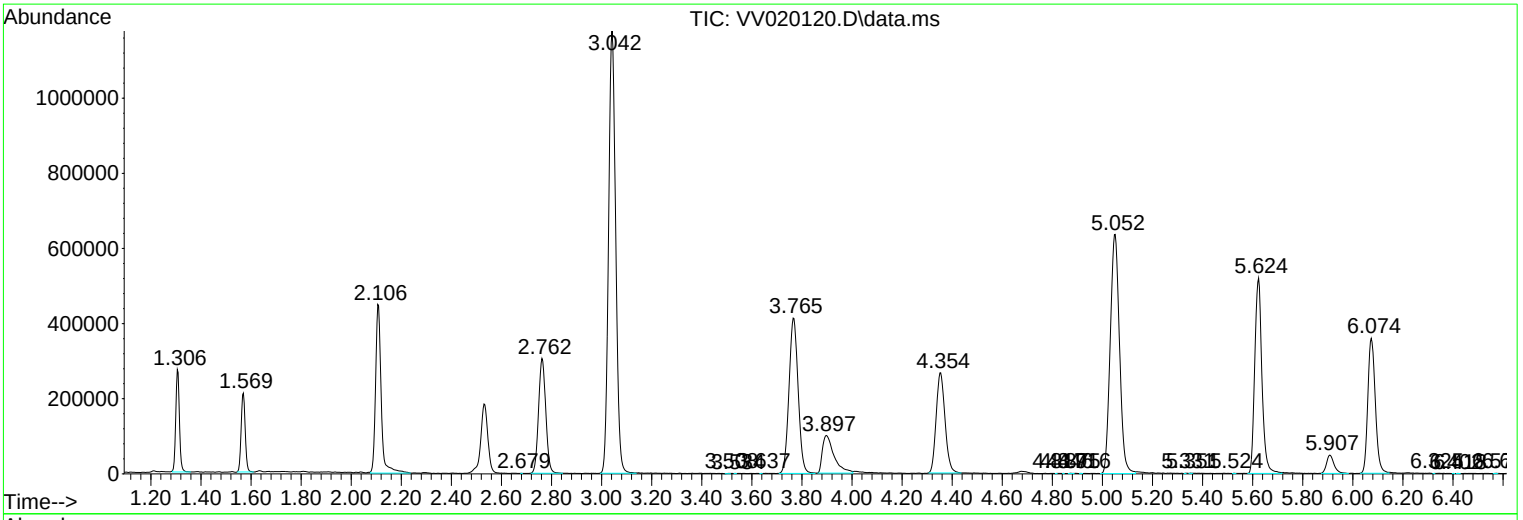
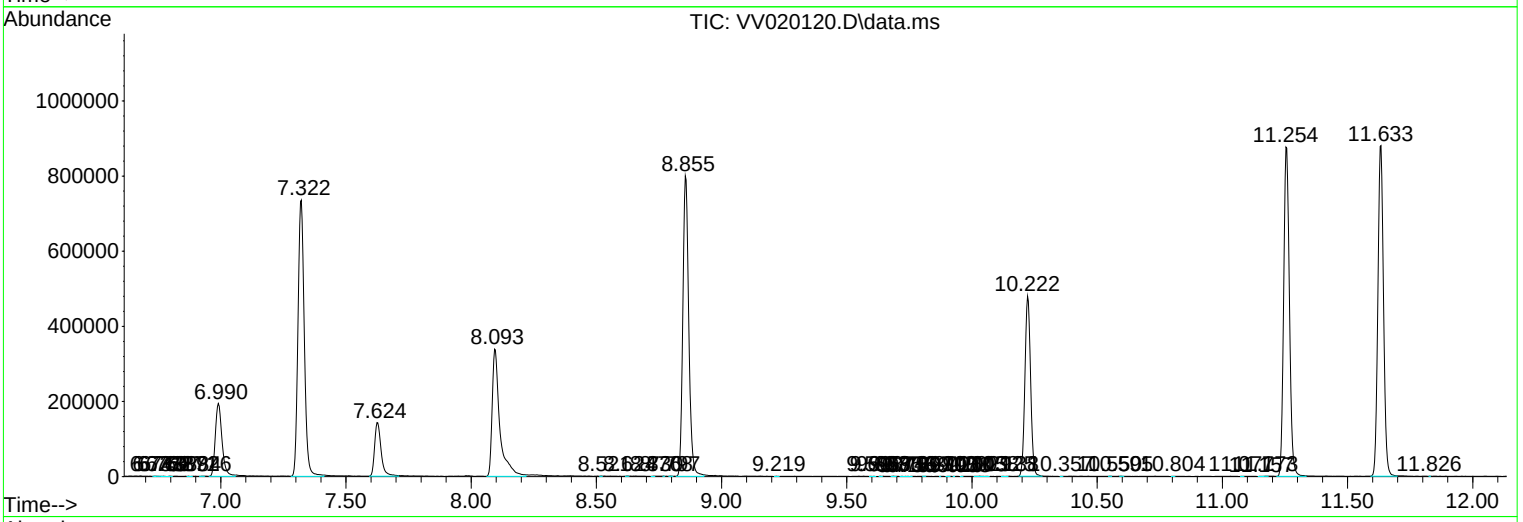
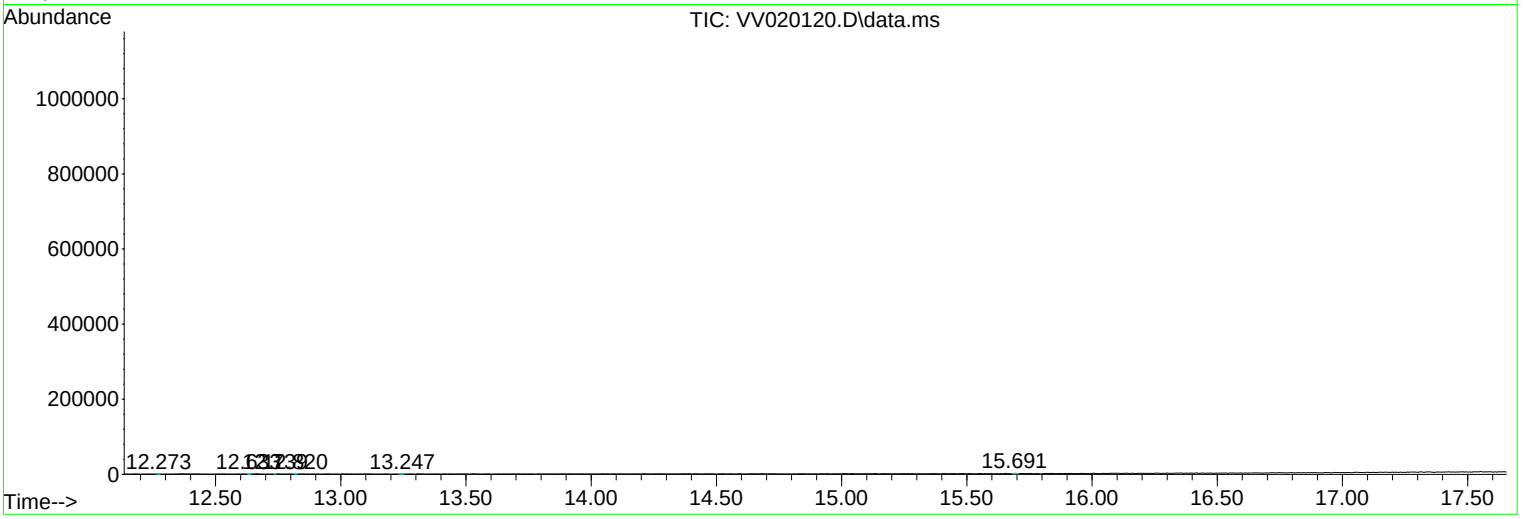
Instrument :
MSVOA_V
ClientSampleId :
BG4Y0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

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







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Instrument :
MSVOA_V
ClientSampleId :
BG4Y0

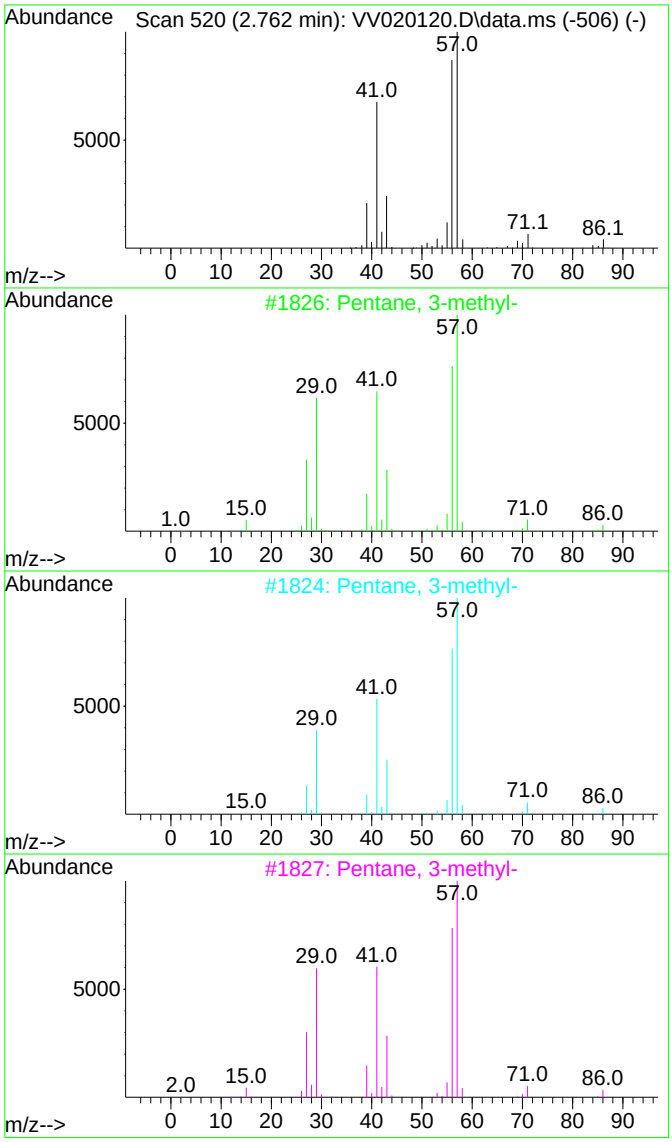
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

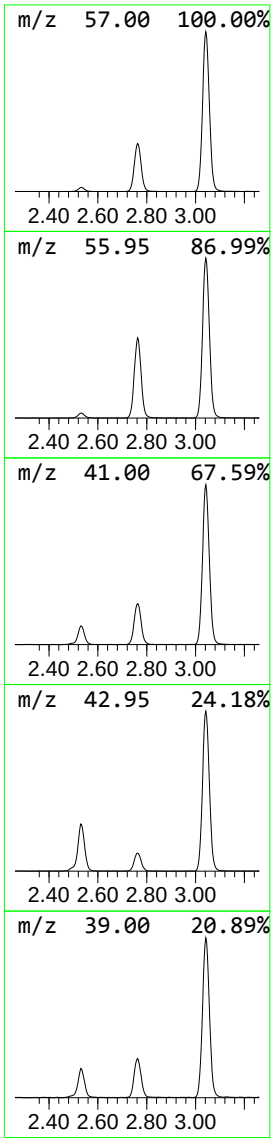
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.762	29.04 ug/L	605727	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	86
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	80
4	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	78
5	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64





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ClientSampleId : BG4Y0

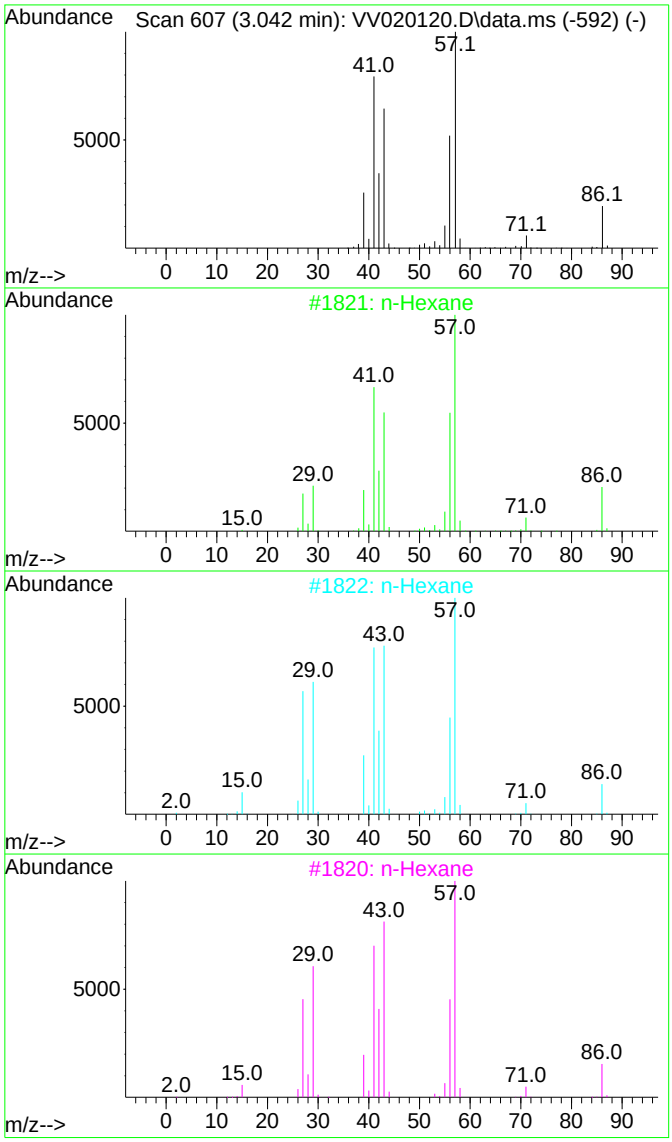
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

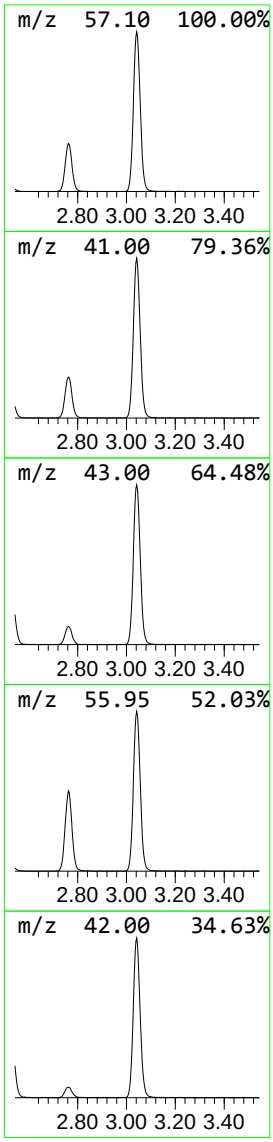
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.042	110.46 ug/L	2304380	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	64
3	n-Hexane	86	C6H14	000110-54-3	59
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	38
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	38





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Instrument :
MSVOA_V
ClientSampleId :
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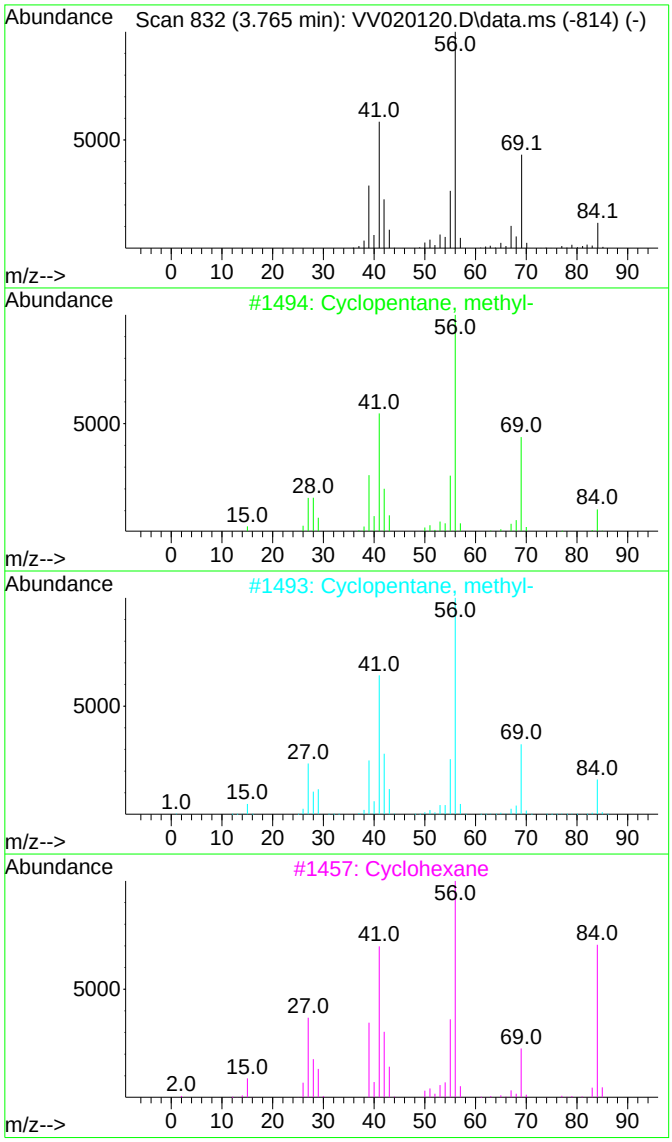
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

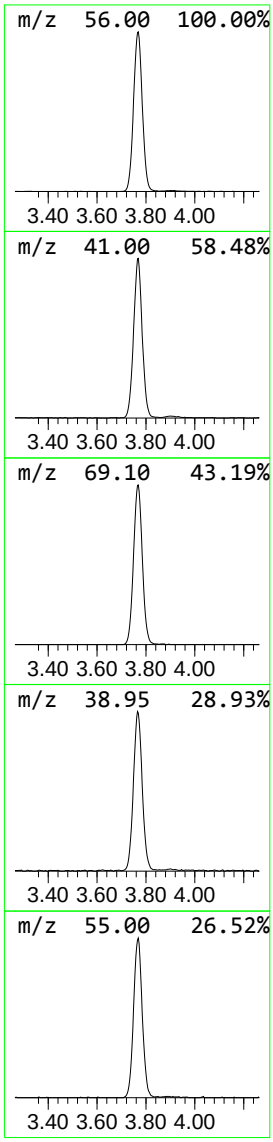
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic3.765 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.765	49.75 ug/L	1037920	1,4-Difluorobenzene	5.624

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	91
3	Cyclohexane	84	C6H12	000110-82-7	86
4	Cyclohexane	84	C6H12	000110-82-7	86
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012121\
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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...	2.762	29.0	ug/L	605727	1	5.624	1043080	50.0
(DEL) Alkane: S...	3.042	110.5	ug/L	2304380	1	5.624	1043080	50.0
(DEL) Alkane: C...	3.765	49.8	ug/L	1037920	1	5.624	1043080	50.0