LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012221\
Data File : VV020143.D
Acq On : 22 Jan 2021 18:12
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: VV020143.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	83	rVB	242190	249814	15.79%	1.627%
2	1.569	142	149	160	rBV	203310	229644	14.52%	1.495%
3	2.110	307	317	335	rBV	411561	617134	39.01%	4.019%
4	2.766	505	521	543	rBV	215965	435651	27.54%	2.837%
5	3.045	593	608	635	rBV	794040	1572787	99.43%	10.242%
6	3.402	717	719	721	rVB3	759	284	0.02%	0.002%
7	3.438	728	730	732	rBV2	582	314	0.02%	0.002%
8	3.679	801	805	809	rBV3	578	484	0.03%	0.003%
9	3.769	815	833	855	rBV	361307	905439	57.24%	5.896%
10	3.894	862	872	902	rBV	97305	295653	18.69%	1.925%
11	4.354	1000	1015	1045	rBV	262704	639179	40.41%	4.162%
12	5.052	1215	1232	1257	rBV2	622629	1581822	100.00%	10.301%
13	5.540	1381	1384	1386	rBV2	566	395	0.02%	0.003%
14	5.621	1396	1409	1437	rBV	446155	911852	57.65%	5.938%
15	5.907	1486	1498	1523	rVB	50389	107079	6.77%	0.697%
16	6.074	1536	1550	1571	rBV	353562	727207	45.97%	4.736%
17	6.441	1661	1664	1665	rBV2	454	249	0.02%	0.002%
18	6.486	1676	1678	1680	rBV	470	213	0.01%	0.001%
19	6.566	1700	1703	1705	rBV3	626	420	0.03%	0.003%
20	6.627	1720	1722	1724	rBV	809	385	0.02%	0.003%
21	6.765	1762	1765	1768	rBV	325	234	0.01%	0.002%
22	6.933	1814	1817	1818	rBV2	457	227	0.01%	0.001%
23	6.990	1824	1835	1856	rBV	206094	371004	23.45%	2.416%
24	7.322	1925	1938	1963	rBV	818938	1412266	89.28%	9.197%
25	7.624	2022	2032	2053	rBV	140235	250708	15.85%	1.633%
26	7.830	2094	2096	2097	rBV	219	87	0.01%	0.001%
27	7.891	2113	2115	2118	rBV	280	132	0.01%	0.001%
28	7.936	2125	2129	2133	rBB3	550	395	0.02%	0.003%
29	7.952	2133	2134	2137	rBV2	147	74	0.00%	0.000%
30	7.984	2137	2144	2153	rVB5	2551	3715	0.23%	0.024%
31	8.039	2158	2161	2165	rBV2	306	262	0.02%	0.002%
32	8.093	2168	2178	2214	rBV2	305655	643434	40.68%	4.190%
33	8.457	2288	2291	2295	rVB2	254	137	0.01%	0.001%
34	8.479	2295	2298	2302	rBV2	445	305	0.02%	0.002%
35	8.502	2302	2305	2307	rBV2	245	156	0.01%	0.001%
36	8.608	2336	2338	2340	rVB2	462	229	0.01%	0.001%

LSC Area Percent Report

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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	8.630	2340	2345	2349	rVB3	283	228	0.01%	0.001%
38	8.678	2353	2360	2362	rBV	365	349	0.02%	0.002%
39	8.740	2377	2379	2381	rVB	212	64	0.00%	0.000%
40	8.775	2386	2390	2391	rBV	326	243	0.02%	0.002%
41	8.855	2403	2415	2439	rBV	718134	1175697	74.33%	7.656%
42	9.074	2482	2483	2485	rBV	213	111	0.01%	0.001%
43	9.183	2516	2517	2519	rVB	349	121	0.01%	0.001%
44	9.331	2562	2563	2564	rBV	137	44	0.00%	0.000%
45	9.341	2564	2566	2569	rVB2	532	276	0.02%	0.002%
46	9.363	2569	2573	2576	rBV	413	410	0.03%	0.003%
47	9.527	2620	2624	2626	rBV2	440	284	0.02%	0.002%
48	9.698	2674	2677	2680	rBV	278	189	0.01%	0.001%
49	9.730	2686	2687	2691	rBV2	220	96	0.01%	0.001%
50	9.926	2745	2748	2750	rBV2	344	257	0.02%	0.002%
51	10.064	2787	2791	2795	rBV2	263	313	0.02%	0.002%
52	10.135	2811	2813	2814	rBV2	181	60	0.00%	0.000%
53	10.222	2828	2840	2861	rBV	404736	635923	40.20%	4.141%
54	10.367	2883	2885	2887	rBV	245	93	0.01%	0.001%
55	10.971	3071	3073	3078	rVB	280	219	0.01%	0.001%
56	11.257	3149	3162	3193	rBV	822581	1271648	80.39%	8.281%
57	11.630	3265	3278	3302	rBV	837360	1309431	82.78%	8.527%
58	13.045	3715	3718	3719	rBV2	976	478	0.03%	0.003%
59	13.505	3859	3861	3862	rBV2	511	270	0.02%	0.002%

Sum of corrected areas: 15356174

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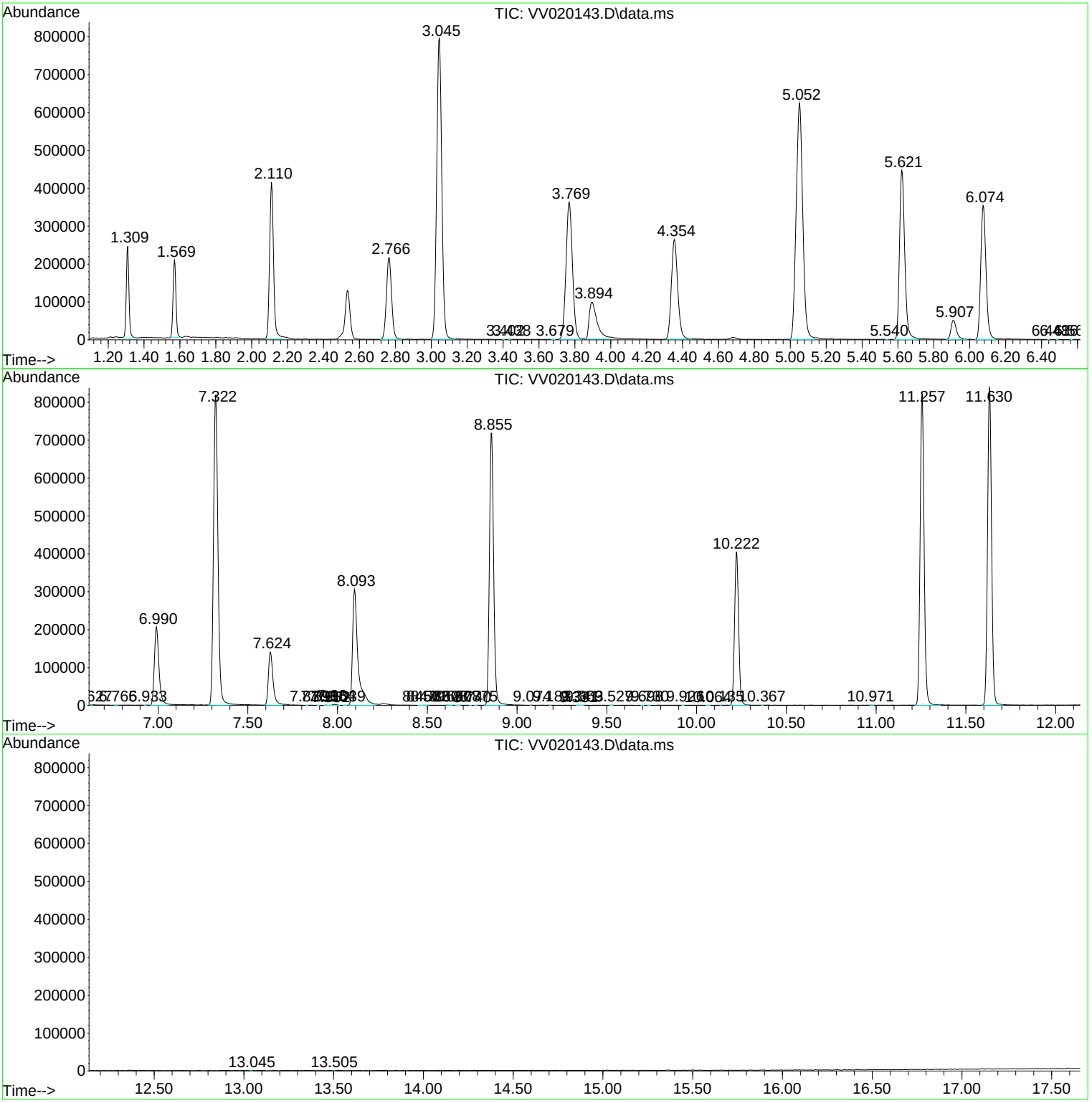
ALS Vial : 1 Sample Multiplier: 1

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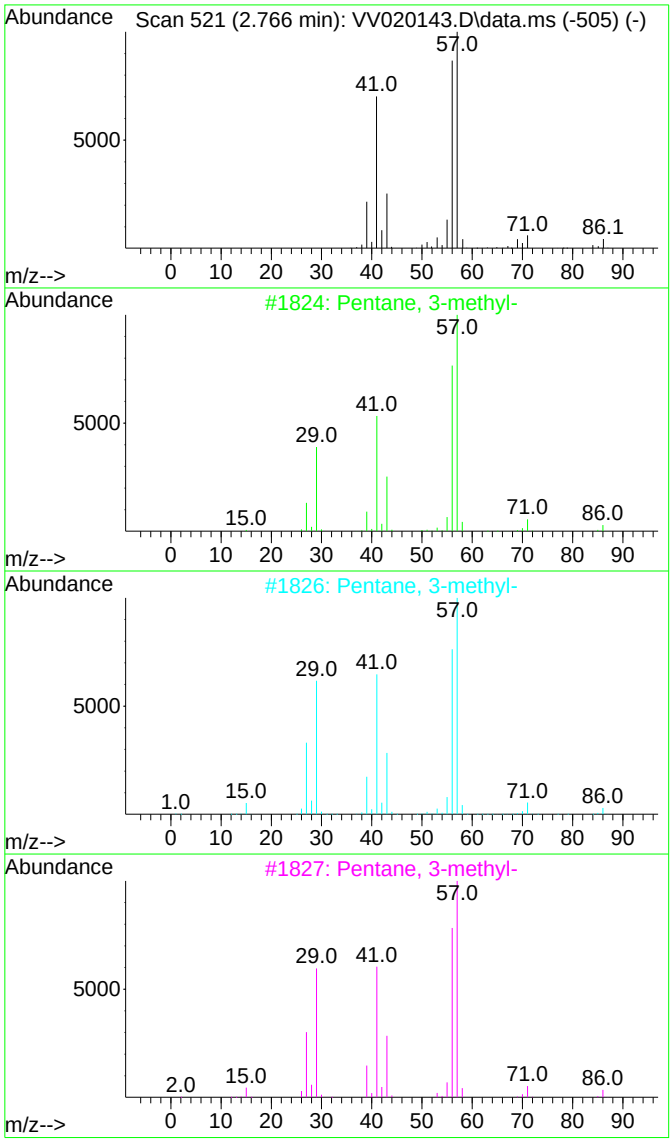
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

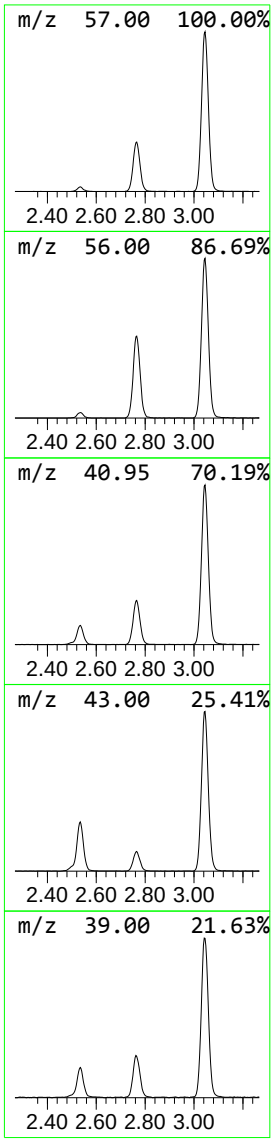
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.766	23.89 ug/L	435651	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	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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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y0

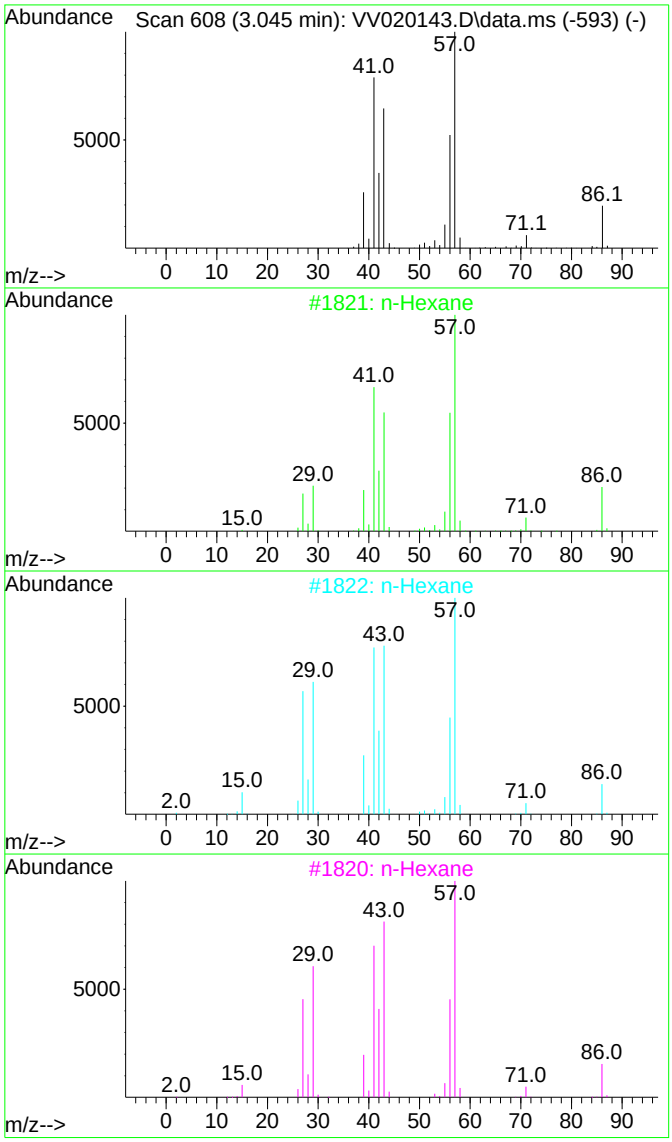
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

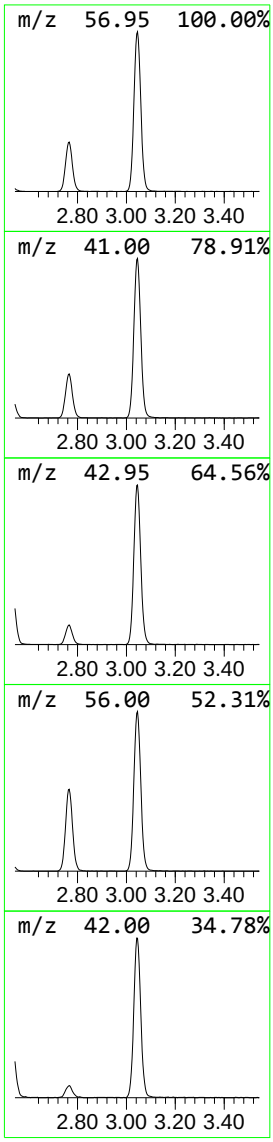
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.045	86.24 ug/L	1572790	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	91
2	n-Hexane	86	C6H14	000110-54-3	72
3	n-Hexane	86	C6H14	000110-54-3	64
4	Butanal, 2-methyl-	86	C5H10O	000096-17-3	43
5	Propanal, 2,2-dimethyl-	86	C5H10O	000630-19-3	43





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Sample : M1201-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG4Y0

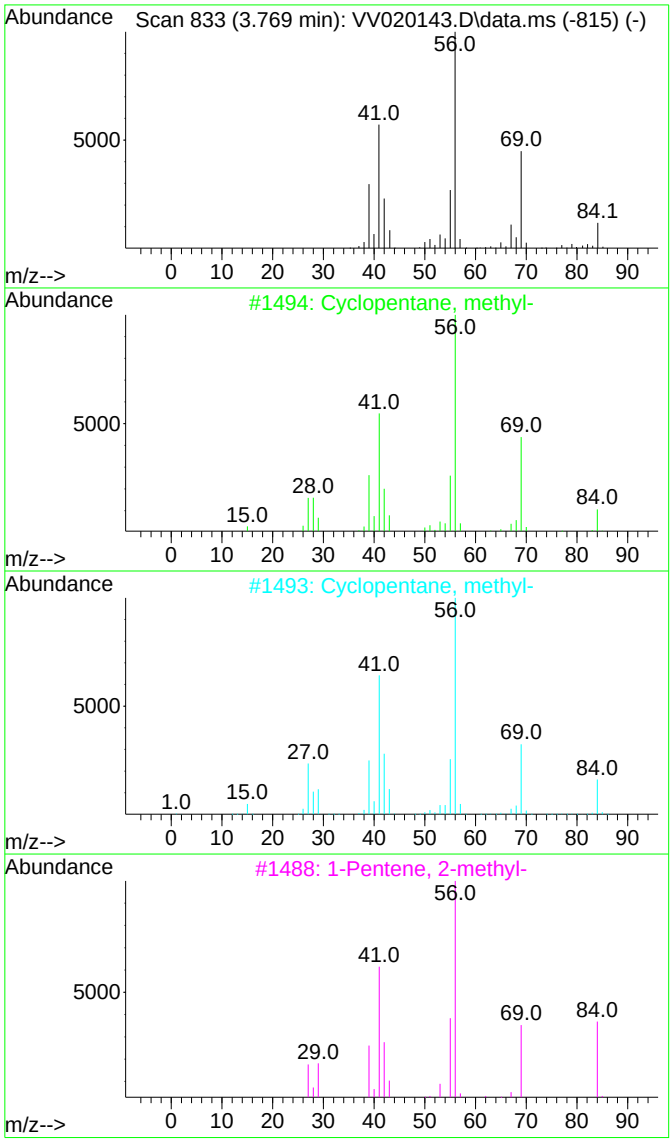
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
Quant Title : VOC Analysis

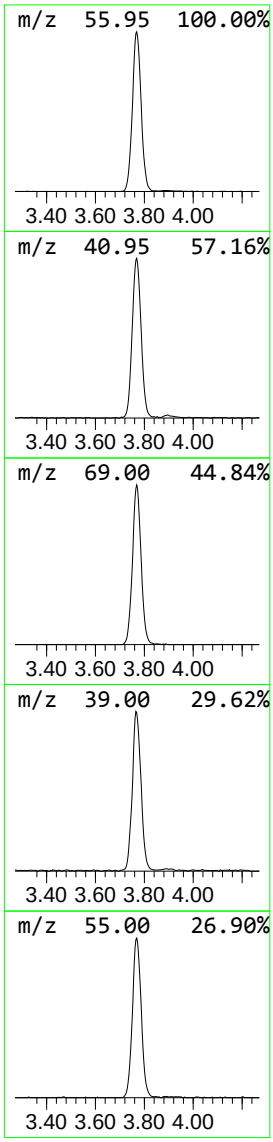
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic3.769 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.769	49.65 ug/L	905439	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	87
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
4	Cyclohexane	84	C6H12	000110-82-7	78
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_V
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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	2.766	23.9	ug/L	435651	1	5.621	911852	50.0
(DEL) Alkane: S...	3.045	86.2	ug/L	1572790	1	5.621	911852	50.0
(DEL) Alkane: C...	3.769	49.6	ug/L	905439	1	5.621	911852	50.0