LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121420\
Data File : VV019612.D
Acq On : 14 Dec 2020 18:17
Operator : SY/MD
Sample : L4928-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

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\SOMVLM121020WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.309	62	68	84	rVB	367647	370969	14.21%	1.756%
2	1.569	142	149	163	rVB	306693	349970	13.40%	1.656%
3	2.110	308	317	365	rVB	630497	995920	38.14%	4.713%
4	2.766	507	521	542	rBV	129328	260372	9.97%	1.232%
5	2.872	552	554	555	rBV	503	237	0.01%	0.001%
6	2.910	565	566	568	rBV2	364	144	0.01%	0.001%
7	2.958	575	581	583	rBV5	956	1020	0.04%	0.005%
8	3.045	594	608	638	rVB	386997	767280	29.38%	3.631%
9	3.335	696	698	699	rBV	298	119	0.00%	0.001%
10	3.347	699	702	704	rVV4	496	318	0.01%	0.002%
11	3.454	732	735	740	rVV5	560	460	0.02%	0.002%
12	3.492	744	747	749	rVB3	413	259	0.01%	0.001%
13	3.553	761	766	771	rBV4	673	684	0.03%	0.003%
14	3.582	771	775	778	rBV2	678	435	0.02%	0.002%
15	3.621	784	787	789	rBV	574	364	0.01%	0.002%
16	3.650	793	796	801	rBV5	533	402	0.02%	0.002%
17	3.704	812	813	814	rBV	504	183	0.01%	0.001%
18	3.769	816	833	857	rVV2	265595	672960	25.77%	3.185%
19	3.897	862	873	914	rBV	134384	446272	17.09%	2.112%
20	4.354	998	1015	1043	rBV	409144	1013088	38.79%	4.794%
21	4.688	1103	1119	1136	rVB9	4759	13691	0.52%	0.065%
22	4.765	1138	1143	1146	rBV3	514	449	0.02%	0.002%
23	4.836	1164	1165	1166	rBV	462	132	0.01%	0.001%
24	4.881	1177	1179	1181	rBV2	391	144	0.01%	0.001%
25	4.926	1190	1193	1196	rBV3	485	290	0.01%	0.001%
26	5.052	1212	1232	1267	rBV2	1016676	2611402	100.00%	12.358%
27	5.508	1371	1374	1378	rBV4	629	400	0.02%	0.002%
28	5.563	1386	1391	1394	rBV4	673	763	0.03%	0.004%
29	5.621	1396	1409	1437	rVV	780392	1550858	59.39%	7.339%
30	5.910	1489	1499	1519	rVB2	17448	36662	1.40%	0.173%
31	6.074	1535	1550	1582	rBV	578273	1172873	44.91%	5.550%
32	6.412	1652	1655	1656	rBV	335	217	0.01%	0.001%
33	6.495	1679	1681	1682	rBV2	448	193	0.01%	0.001%
34	6.740	1754	1757	1761	rVB3	771	520	0.02%	0.002%

LSC Area Percent Report

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Operator : SY/MD
Sample : L4928-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

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\SOMVLM121020WMA.M
Title : VOC Analysis

35	6.807	1777	1778	1779	rBV3	232	71	0.00%	0.000%
36	6.817	1779	1781	1783	rVV	251	97	0.00%	0.000%
37	6.826	1783	1784	1786	rBV	284	146	0.01%	0.001%
38	6.884	1798	1802	1804	rBV2	365	243	0.01%	0.001%
39	6.990	1820	1835	1858	rBV	335739	615622	23.57%	2.913%
40	7.318	1925	1937	1965	rBV	1203767	2071147	79.31%	9.801%
41	7.566	2012	2014	2017	rBV2	423	224	0.01%	0.001%
42	7.624	2021	2032	2052	rBV	239479	413316	15.83%	1.956%
43	7.936	2126	2129	2130	rBV2	1183	718	0.03%	0.003%
44	8.026	2155	2157	2158	rBV2	260	82	0.00%	0.000%
45	8.039	2158	2161	2164	rVB4	613	424	0.02%	0.002%
46	8.090	2166	2177	2216	rBV	573067	1022603	39.16%	4.839%
47	8.730	2372	2376	2379	rBV3	740	514	0.02%	0.002%
48	8.752	2379	2383	2384	rBV2	665	435	0.02%	0.002%
49	8.791	2391	2395	2399	rVB2	482	346	0.01%	0.002%
50	8.807	2399	2400	2402	rBV	250	122	0.00%	0.001%
51	8.855	2402	2415	2439	rBV	1176987	1897559	72.66%	8.980%
52	9.113	2493	2495	2497	rBV	742	316	0.01%	0.001%
53	9.141	2501	2504	2505	rBV	910	486	0.02%	0.002%
54	9.190	2514	2519	2525	rVB6	695	694	0.03%	0.003%
55	9.238	2532	2534	2538	rVB4	585	364	0.01%	0.002%
56	9.264	2538	2542	2545	rBV3	627	494	0.02%	0.002%
57	9.302	2552	2554	2560	rBV4	523	590	0.02%	0.003%
58	9.328	2560	2562	2563	rBV	349	138	0.01%	0.001%
59	9.431	2591	2594	2596	rBV2	947	509	0.02%	0.002%
60	9.460	2600	2603	2604	rBV2	532	288	0.01%	0.001%
61	9.531	2622	2625	2627	rBV2	517	345	0.01%	0.002%
62	9.637	2652	2658	2664	rBV4	833	985	0.04%	0.005%
63	9.666	2664	2667	2668	rBV3	376	174	0.01%	0.001%
64	9.701	2675	2678	2681	rBV2	713	398	0.02%	0.002%
65	9.852	2723	2725	2729	rVB3	744	519	0.02%	0.002%
66	9.903	2740	2741	2743	rBV2	296	120	0.00%	0.001%
67	9.955	2755	2757	2760	rVB2	438	235	0.01%	0.001%
68	10.109	2802	2805	2806	rBV	763	407	0.02%	0.002%
69	10.135	2810	2813	2816	rBV2	779	567	0.02%	0.003%
70	10.219	2827	2839	2862	rBV	740355	1142488	43.75%	5.407%
71	10.553	2940	2943	2945	rBV2	468	292	0.01%	0.001%

LSC Area Percent Report

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Operator : SY/MD
Sample : L4928-15
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

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\SOMVLM121020WMA.M
Title : VOC Analysis

72	10.691	2984	2986	2989	rBV	483	315	0.01%	0.001%
73	10.756	3002	3006	3010	rBV3	958	904	0.03%	0.004%
74	10.817	3022	3025	3027	rBV	443	354	0.01%	0.002%
75	10.858	3032	3038	3043	rBV5	1139	1314	0.05%	0.006%
76	11.251	3149	3160	3190	rBV	1173879	1833165	70.20%	8.675%
77	11.534	3241	3248	3249	rBV3	1751	1532	0.06%	0.007%
78	11.630	3265	3278	3301	rBV	1173307	1846381	70.70%	8.738%
79	11.874	3351	3354	3355	rBV2	742	368	0.01%	0.002%
80	12.003	3389	3394	3396	rBV4	825	623	0.02%	0.003%
81	12.196	3450	3454	3457	rBV3	790	758	0.03%	0.004%
82	12.890	3667	3670	3675	rVB3	1078	740	0.03%	0.004%
83	13.440	3838	3841	3845	rBV5	778	618	0.02%	0.003%

Sum of corrected areas: 21131200

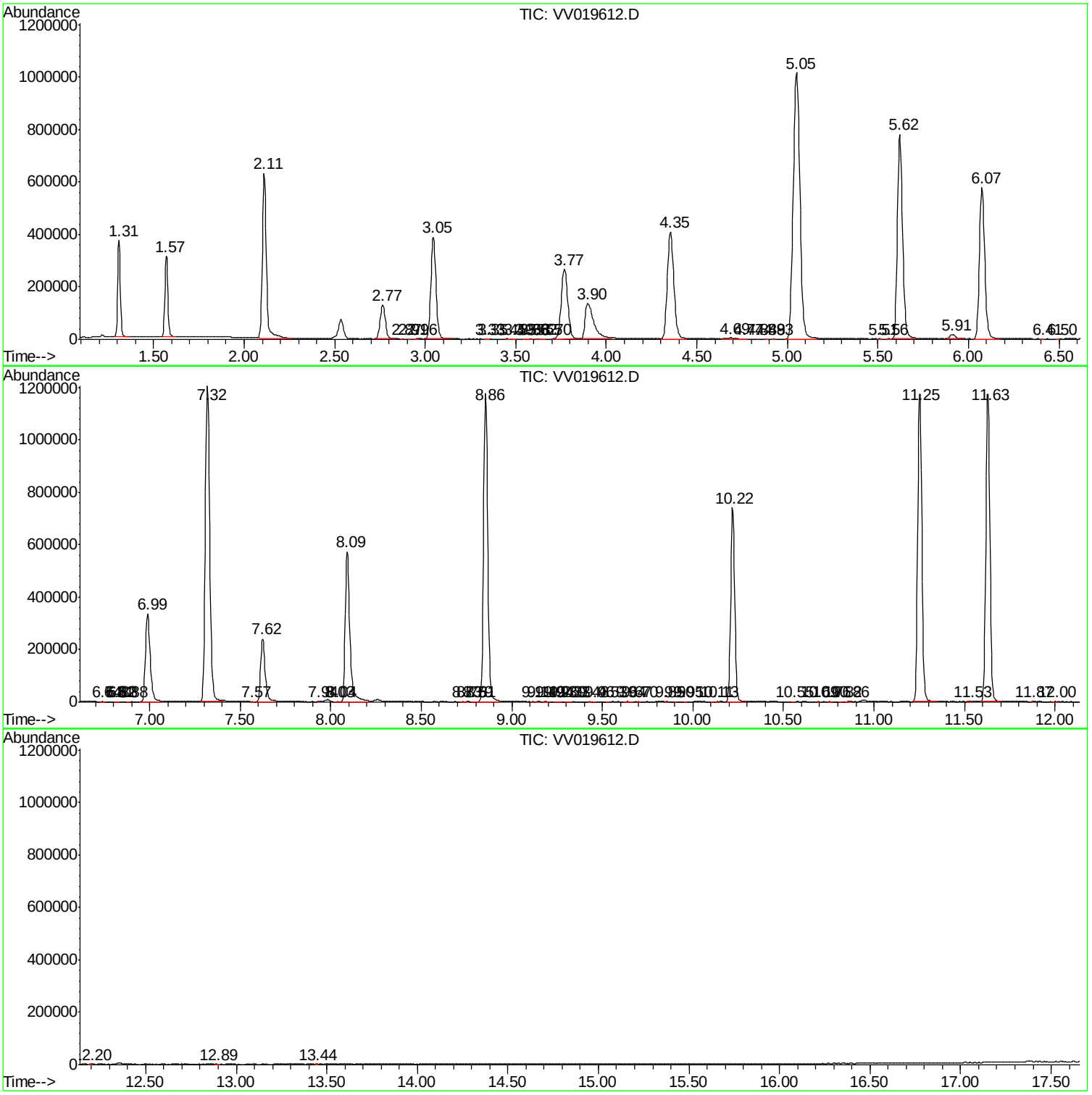
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
Data File : VV019612.D
Acq On : 14 Dec 2020 18:17
Operator : SY/MD
Sample : L4928-15
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
Data File : VV019612.D
Acq On : 14 Dec 2020 18:17
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

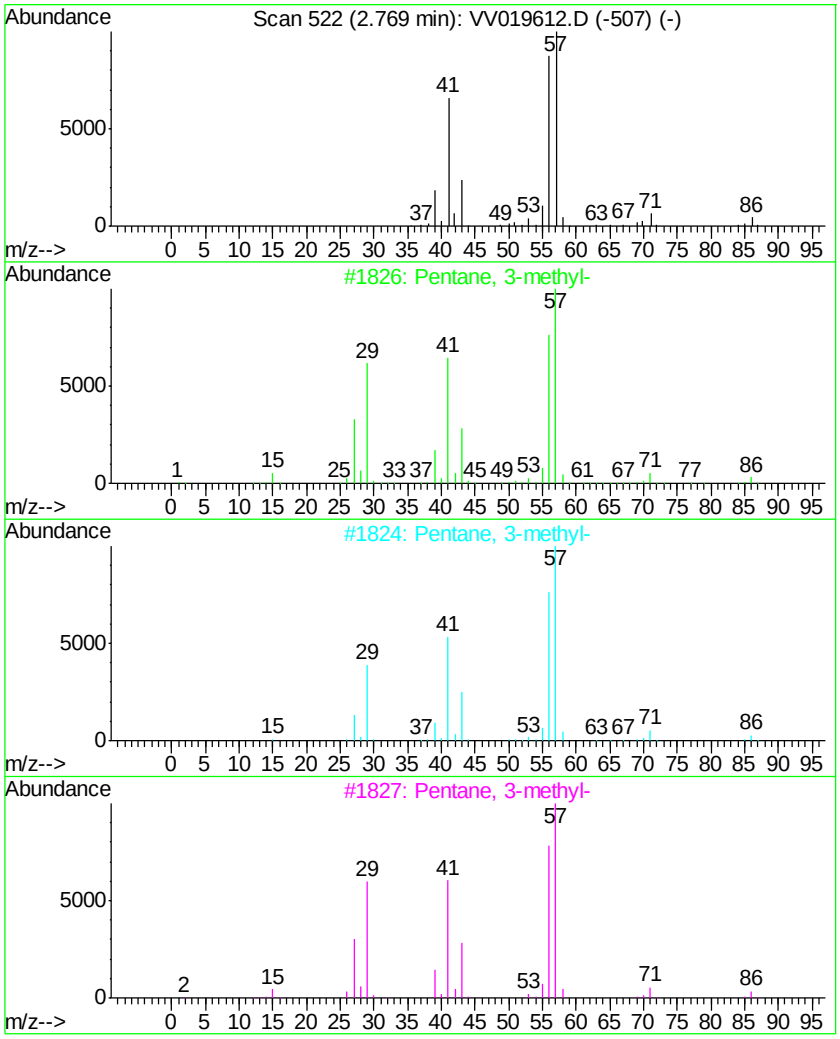
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

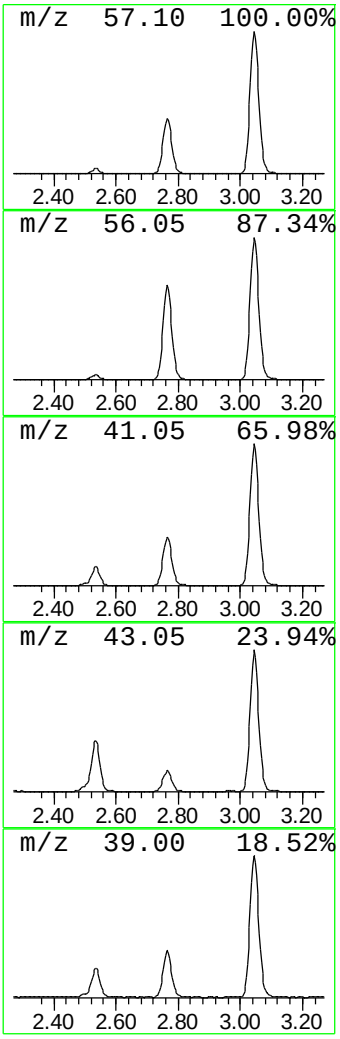
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	8.39 ug/L	260372	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	86
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64





Library Search Compound Report

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

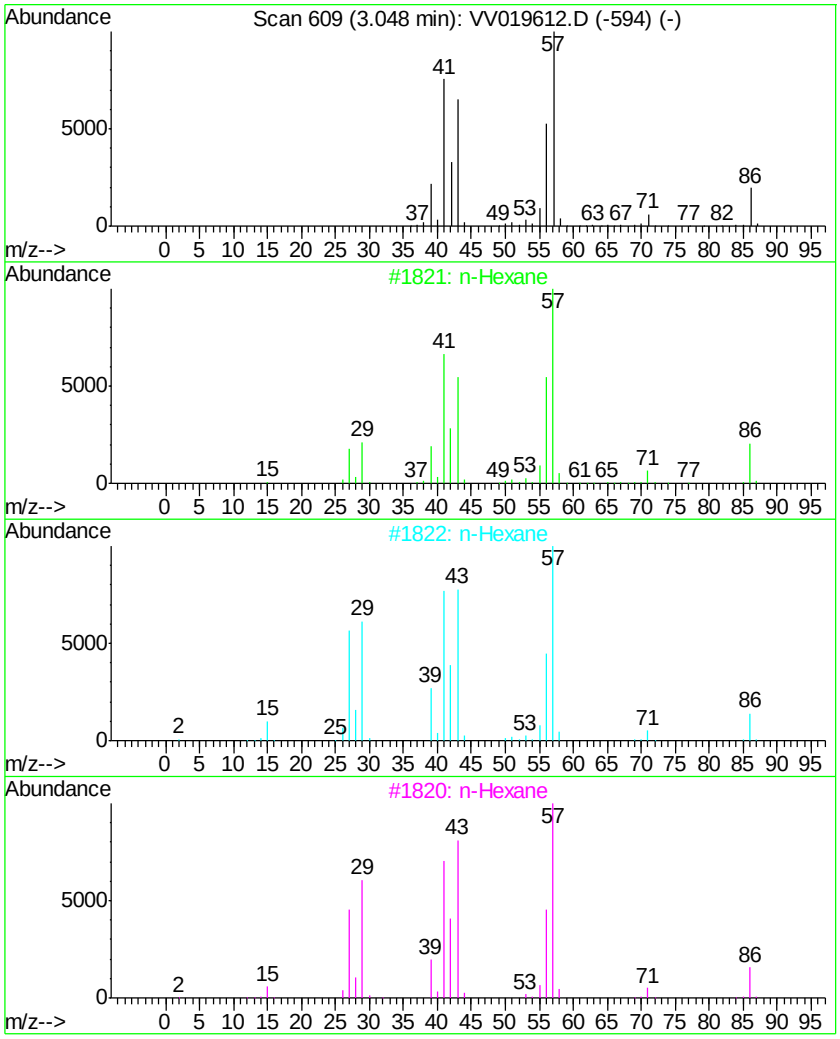
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

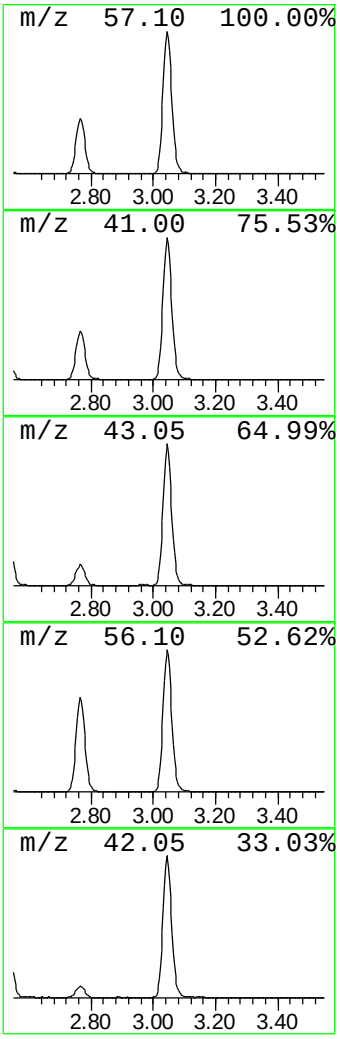
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	24.74 ug/L	767280	1,4-Difluorobenzene	5.62

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	56
4	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	50
5	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
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ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

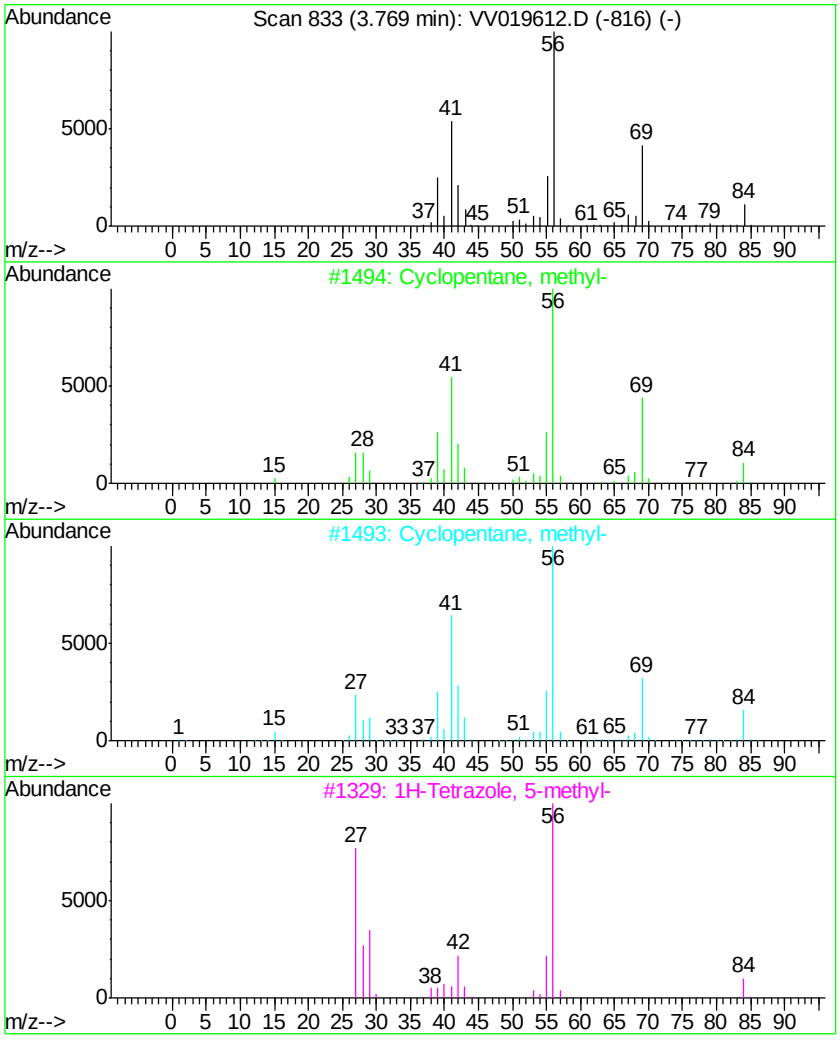
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

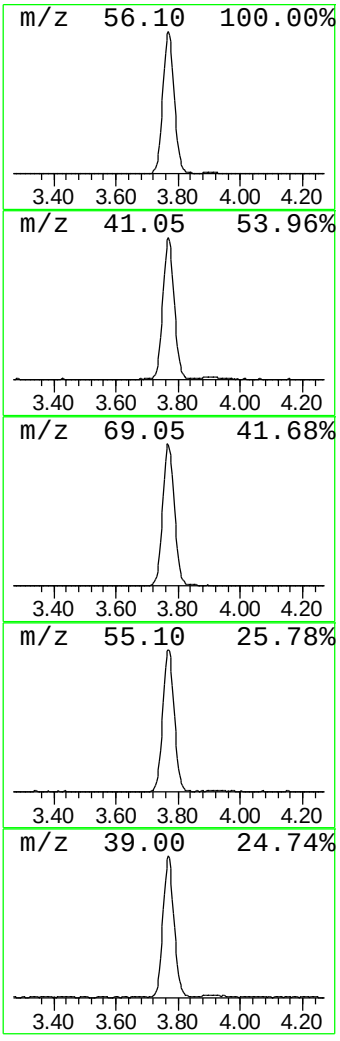
****

Peak Number 3 (DEL) Alkane: Cyclic3.77 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	21.70 ug/L	672960	1,4-Difluorobenzene	5.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Cyclobutane	56	C4H8	000287-23-0	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121420\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.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: Str...	2.77	8.4	ug/L	260372	1	5.62	1550860	50.0
(DEL) Alkane: Str...	3.05	24.7	ug/L	767280	1	5.62	1550860	50.0
(DEL) Alkane: Cyc...	3.77	21.7	ug/L	672960	1	5.62	1550860	50.0