LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
Data File : VV019672.D
Acq On : 16 Dec 2020 14:12
Operator : SY/MD
Sample : L5098-02
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J7

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	61	68	81	rVB	350823	343804	14.75%	1.785%
2	1.570	142	149	162	rBV	270254	304294	13.05%	1.579%
3	2.110	308	317	354	rVB	547278	858370	36.83%	4.455%
4	2.766	509	521	543	rVB	121914	246319	10.57%	1.279%
5	2.949	573	578	579	rBV2	752	596	0.03%	0.003%
6	3.045	593	608	635	rBV	431072	853441	36.61%	4.430%
7	3.264	673	676	677	rBV2	616	291	0.01%	0.002%
8	3.360	704	706	710	rBV3	619	512	0.02%	0.003%
9	3.412	720	722	723	rBV2	460	135	0.01%	0.001%
10	3.422	723	725	729	rVB3	395	266	0.01%	0.001%
11	3.463	735	738	740	rBV2	795	395	0.02%	0.002%
12	3.582	773	775	776	rBV2	496	243	0.01%	0.001%
13	3.614	781	785	787	rVB3	451	234	0.01%	0.001%
14	3.656	796	798	800	rBV2	577	307	0.01%	0.002%
15	3.769	816	833	854	rBV	182052	450493	19.33%	2.338%
16	3.891	860	871	913	rBV	164056	493919	21.19%	2.564%
17	4.354	1000	1015	1042	rVB	365217	893330	38.33%	4.637%
18	4.730	1131	1132	1134	rVB	407	156	0.01%	0.001%
19	4.753	1137	1139	1141	rBV3	624	365	0.02%	0.002%
20	4.785	1145	1149	1153	rVB5	949	680	0.03%	0.004%
21	4.804	1153	1155	1156	rBV2	630	211	0.01%	0.001%
22	4.891	1179	1182	1184	rBV	587	321	0.01%	0.002%
23	4.962	1201	1204	1205	rBV2	642	266	0.01%	0.001%
24	5.052	1213	1232	1269	rBV2	903709	2330927	100.00%	12.099%
25	5.396	1337	1339	1340	rBV	612	327	0.01%	0.002%
26	5.434	1349	1351	1353	rBV4	526	210	0.01%	0.001%
27	5.479	1362	1365	1367	rBV2	658	479	0.02%	0.002%
28	5.553	1387	1388	1391	rVB2	465	170	0.01%	0.001%
29	5.621	1391	1409	1438	rBV	733618	1471554	63.13%	7.638%
30	5.910	1488	1499	1515	rBV2	23049	47402	2.03%	0.246%
31	6.074	1536	1550	1573	rBV	515406	1046309	44.89%	5.431%
32	6.431	1658	1661	1669	rVB3	699	730	0.03%	0.004%
33	6.466	1669	1672	1675	rBV5	685	471	0.02%	0.002%
34	6.502	1679	1683	1687	rVB3	674	465	0.02%	0.002%

LSC Area Percent Report

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Operator : SY/MD
Sample : L5098-02
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J7

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

35	6.537	1687	1694	1697	rBV8	1219	1399	0.06%	0.007%
36	6.624	1718	1721	1723	rBV3	501	361	0.02%	0.002%
37	6.698	1742	1744	1745	rBV	418	96	0.00%	0.000%
38	6.759	1761	1763	1765	rBV2	370	195	0.01%	0.001%
39	6.804	1776	1777	1779	rBV2	221	97	0.00%	0.001%
40	6.823	1779	1783	1787	rVB5	655	464	0.02%	0.002%
41	6.846	1787	1790	1792	rBV2	407	201	0.01%	0.001%
42	6.907	1806	1809	1811	rVB2	387	145	0.01%	0.001%
43	6.991	1822	1835	1862	rBV	287509	527688	22.64%	2.739%
44	7.318	1925	1937	1958	rBV	1073967	1848165	79.29%	9.593%
45	7.582	2014	2019	2022	rBV3	664	632	0.03%	0.003%
46	7.624	2022	2032	2053	rBV	202016	351732	15.09%	1.826%
47	8.013	2152	2153	2154	rBV	262	66	0.00%	0.000%
48	8.090	2165	2177	2215	rBV	599753	1097163	47.07%	5.695%
49	8.666	2353	2356	2357	rBV3	561	250	0.01%	0.001%
50	8.791	2392	2395	2399	rBV3	581	479	0.02%	0.002%
51	8.855	2403	2415	2439	rBV	1092059	1774791	76.14%	9.212%
52	9.241	2533	2535	2537	rVB	467	160	0.01%	0.001%
53	9.273	2542	2545	2546	rBV2	393	219	0.01%	0.001%
54	9.315	2554	2558	2559	rBV2	378	233	0.01%	0.001%
55	9.437	2593	2596	2599	rVB3	532	306	0.01%	0.002%
56	9.457	2599	2602	2605	rBV2	623	479	0.02%	0.002%
57	9.518	2618	2621	2627	rBV4	413	381	0.02%	0.002%
58	9.556	2627	2633	2642	rBV4	1371	2281	0.10%	0.012%
59	9.637	2653	2658	2659	rBV4	454	432	0.02%	0.002%
60	9.701	2674	2678	2681	rBV2	700	511	0.02%	0.003%
61	9.756	2693	2695	2698	rVB2	412	157	0.01%	0.001%
62	9.907	2739	2742	2744	rBV2	421	333	0.01%	0.002%
63	9.997	2768	2770	2773	rVB2	853	418	0.02%	0.002%
64	10.013	2773	2775	2776	rBV	295	118	0.01%	0.001%
65	10.051	2783	2787	2789	rBV2	456	293	0.01%	0.002%
66	10.106	2801	2804	2808	rBV2	513	369	0.02%	0.002%
67	10.222	2821	2840	2864	rBV	611924	979612	42.03%	5.085%
68	10.453	2909	2912	2914	rBV3	838	588	0.03%	0.003%
69	10.543	2938	2940	2942	rBV2	640	311	0.01%	0.002%
70	10.621	2962	2964	2970	rBV3	449	354	0.02%	0.002%
71	10.672	2978	2980	2983	rBV2	484	274	0.01%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121620\
Data File : VV019672.D
Acq On : 16 Dec 2020 14:12
Operator : SY/MD
Sample : L5098-02
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J7

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	10.868	3038	3041	3045	rBV3	959	800	0.03%	0.004%
73	11.032	3090	3092	3093	rBV3	528	242	0.01%	0.001%
74	11.164	3127	3133	3135	rBV5	1340	1326	0.06%	0.007%
75	11.254	3147	3161	3187	rBV	1107381	1691202	72.55%	8.778%
76	11.431	3213	3216	3220	rVB2	747	438	0.02%	0.002%
77	11.540	3245	3250	3251	rBV3	1333	1182	0.05%	0.006%
78	11.630	3266	3278	3299	rBV	1045549	1625607	69.74%	8.438%
79	11.868	3349	3352	3356	rBV2	735	517	0.02%	0.003%
80	11.900	3360	3362	3364	rBV2	527	302	0.01%	0.002%
81	12.203	3454	3456	3460	rVB2	555	331	0.01%	0.002%
82	12.222	3460	3462	3466	rBV2	416	234	0.01%	0.001%
83	12.656	3595	3597	3601	rVB3	702	425	0.02%	0.002%
84	12.723	3615	3618	3620	rVB2	657	310	0.01%	0.002%
85	12.781	3633	3636	3638	rBV3	525	307	0.01%	0.002%
86	13.106	3735	3737	3741	rBV3	599	347	0.01%	0.002%
87	13.157	3751	3753	3758	rBV5	538	281	0.01%	0.001%
88	13.514	3861	3864	3867	rBV3	1148	828	0.04%	0.004%
89	13.530	3867	3869	3875	rVB3	899	557	0.02%	0.003%
90	13.781	3944	3947	3949	rBV2	583	313	0.01%	0.002%
91	13.948	3996	3999	4002	rBV3	970	789	0.03%	0.004%

Sum of corrected areas: 19266083

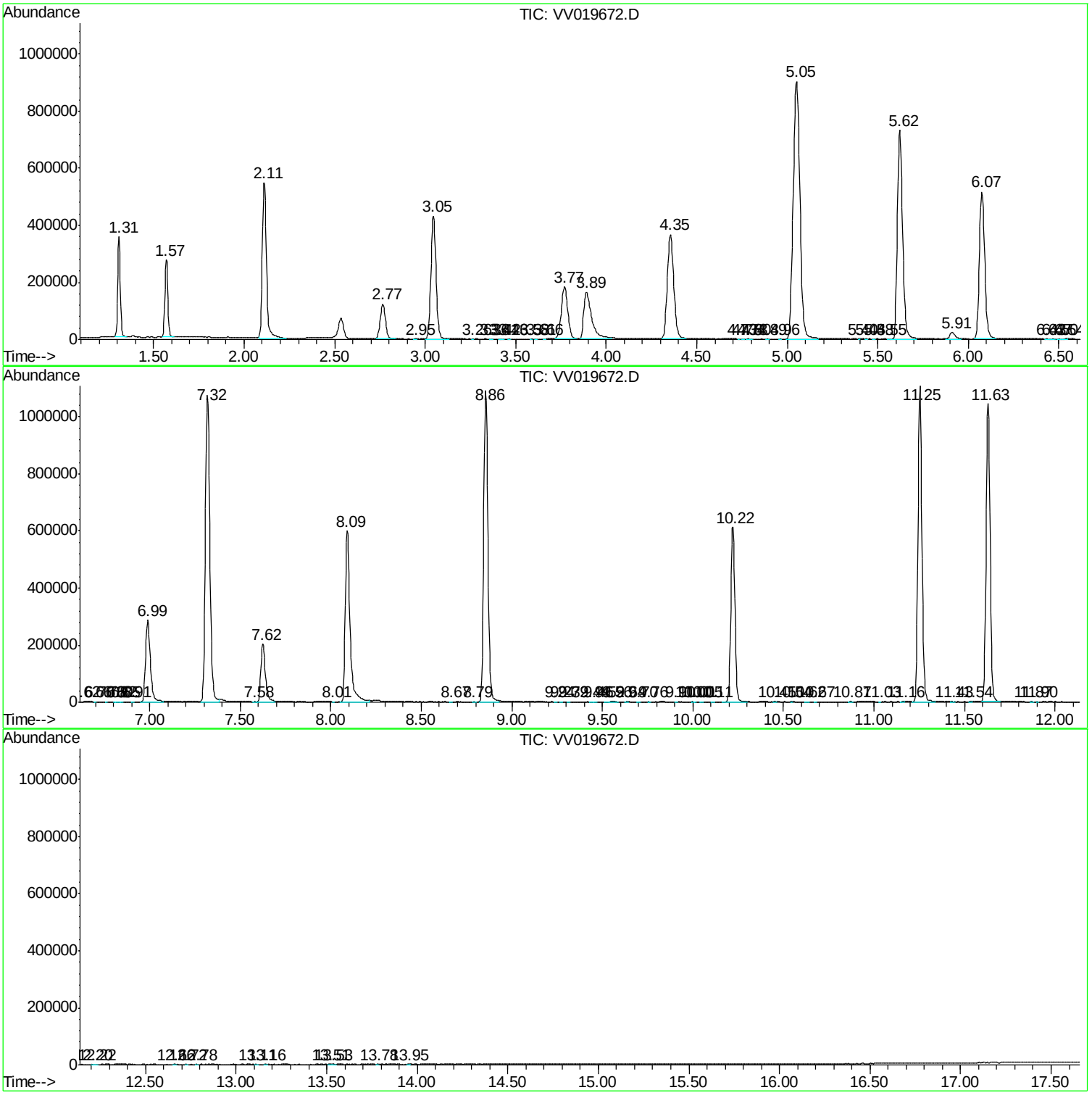
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121620\
Data File : VV019672.D
Acq On : 16 Dec 2020 14:12
Operator : SY/MD
Sample : L5098-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J7

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121620\
Data File : VV019672.D
Acq On : 16 Dec 2020 14:12
Operator : SY/MD
Sample : L5098-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J7

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

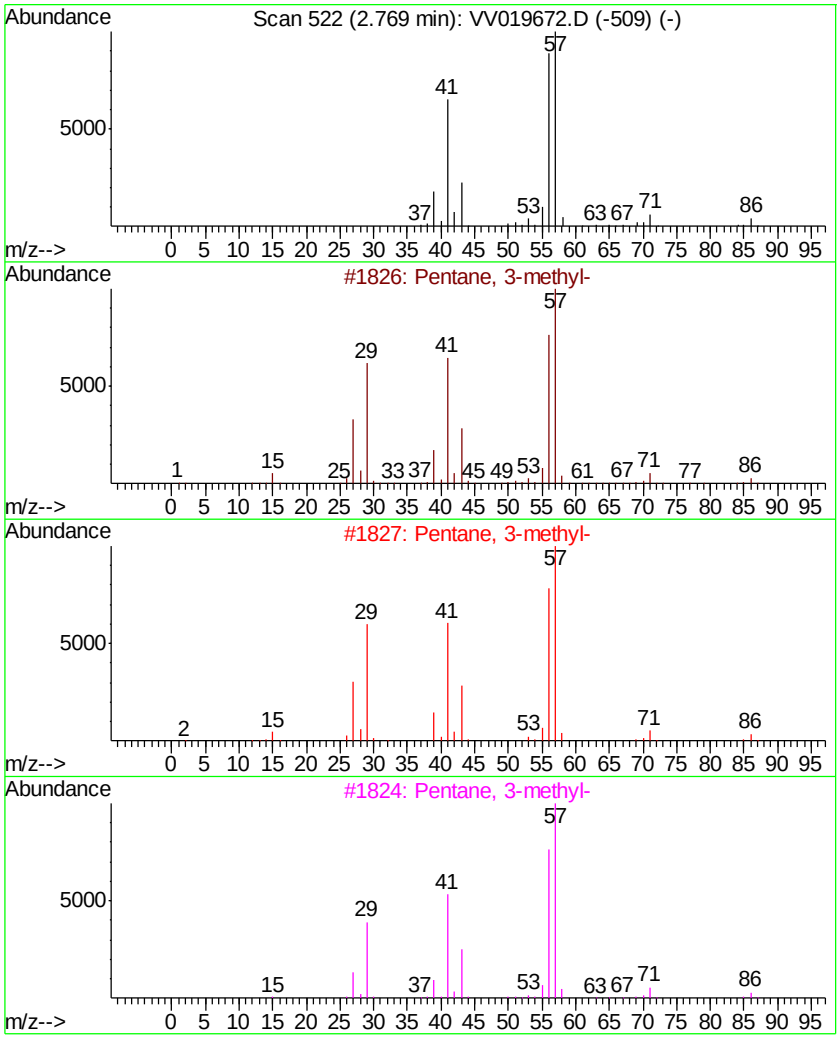
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

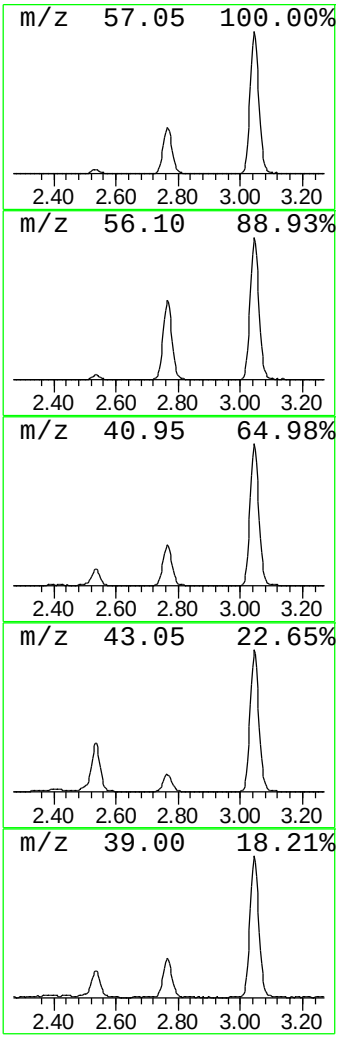
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	8.37 ug/L	246319	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	90
3	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	64
5	n-Hexane	86	C6H14	000110-54-3	50





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121620\
Data File : VV019672.D
Acq On : 16 Dec 2020 14:12
Operator : SY/MD
Sample : L5098-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J7

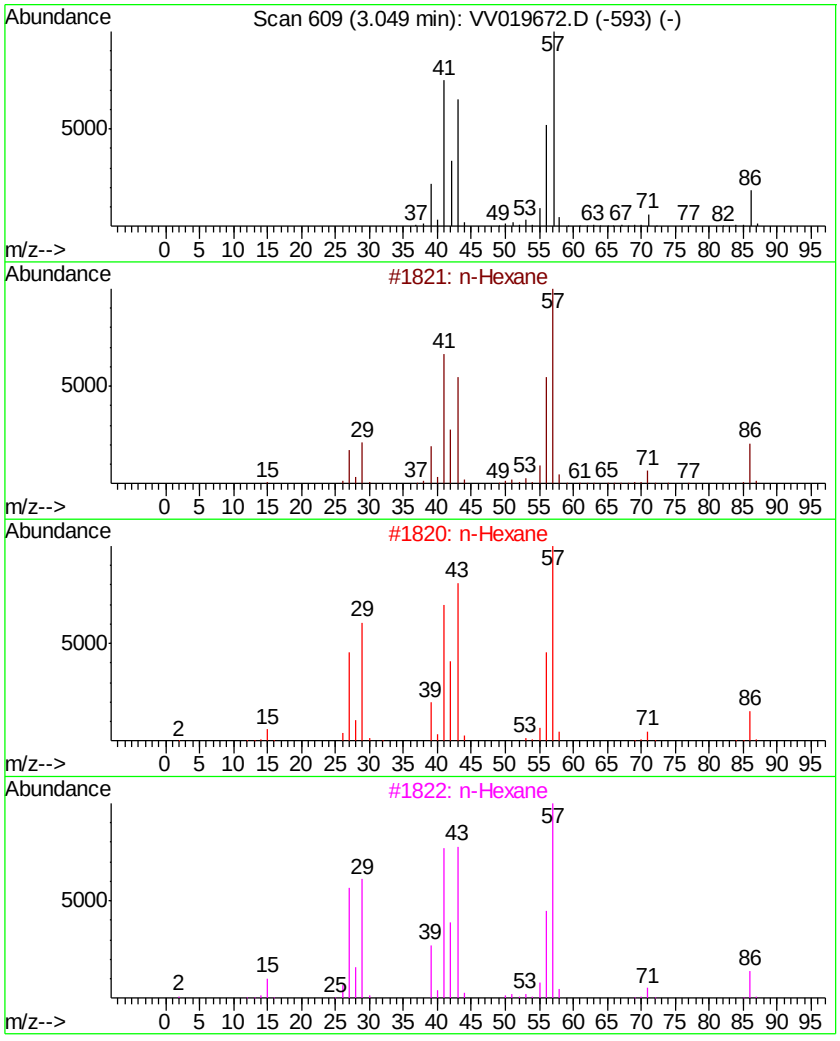
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
Quant Title : VOC Analysis

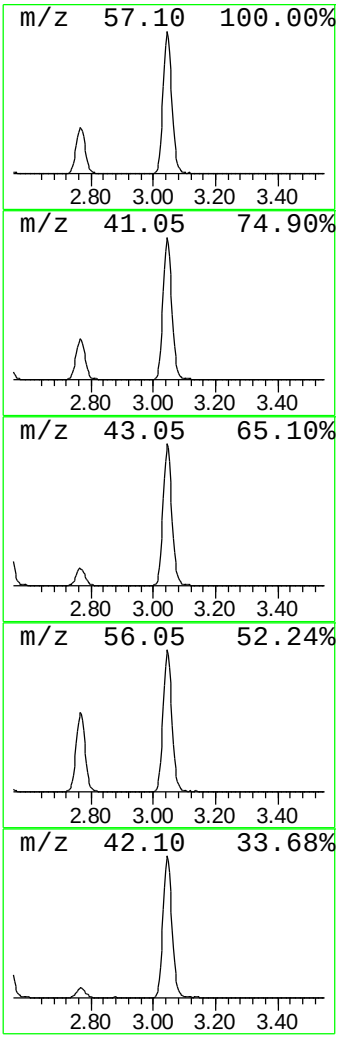
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	29.00 ug/L	853441	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	91
3	n-Hexane	86	C6H14	000110-54-3	78
4	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	50
5	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40





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

Instrument : MSVOA_V
ClientSampleId : BG4J7

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

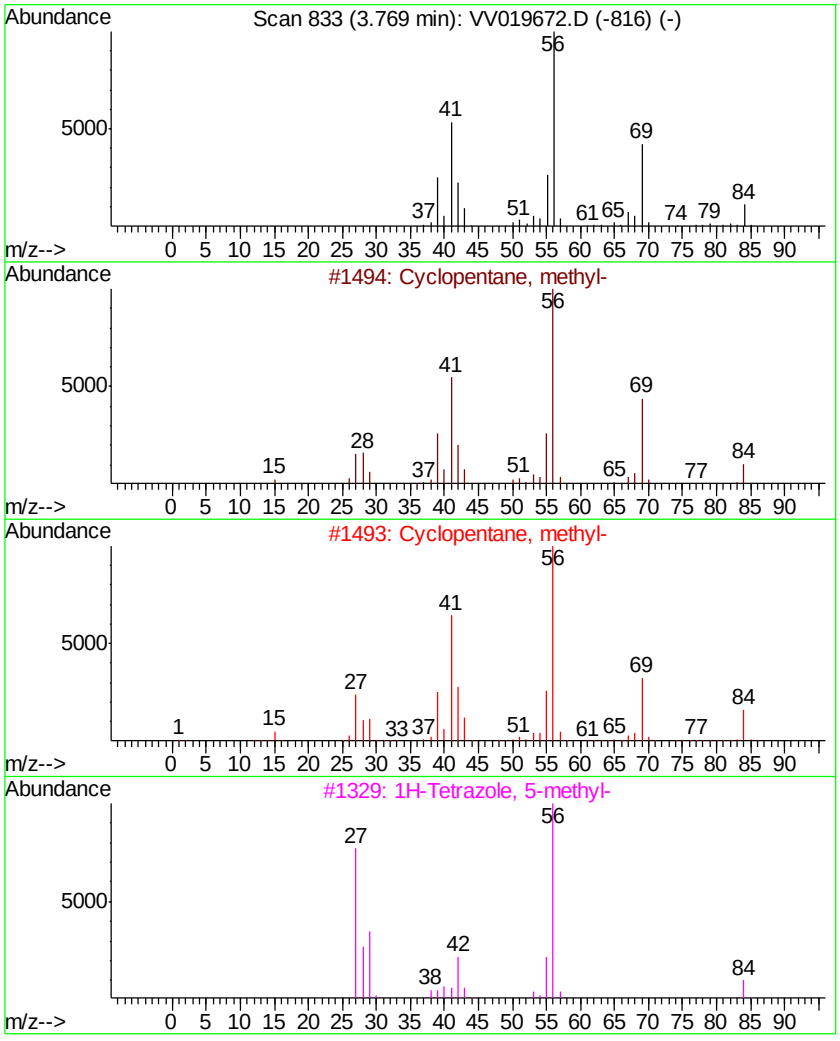
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

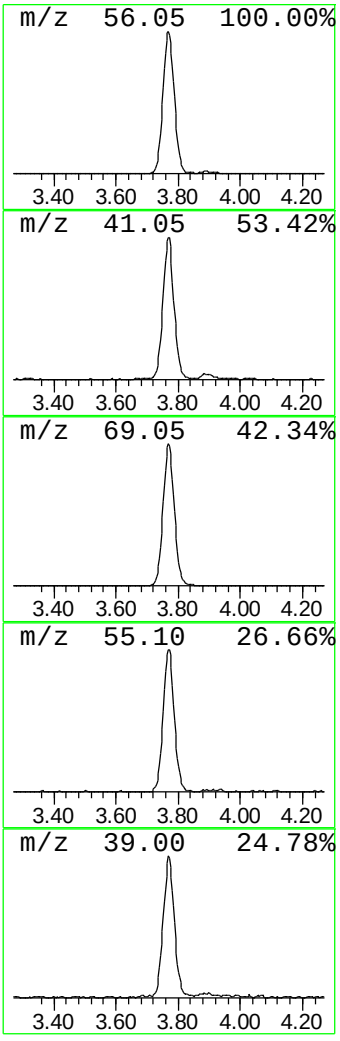
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	15.31 ug/L	450493	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	Cyclohexane	84	C6H12	000110-82-7	78
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121620\
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG4J7

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	246319	1	5.62	1471550	50.0
(DEL) Alkane: Str...	3.05	29.0	ug/L	853441	1	5.62	1471550	50.0
(DEL) Alkane: Cyc...	3.77	15.3	ug/L	450493	1	5.62	1471550	50.0